

Sphenoides. K.

pp 2465
Ολύμπια Δώματα. 3

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD, 1747.

Being the third after Bissextile, or Leap-Year.

And from the World's Creation, 5751.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

*Heaven's Volumes are epitomized here,
To show th' exact Description of the Year.*

By TYCHO WING, *Philomath.*

L O N D O N:

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STATIONERS.



Common Notes for this present Year, 1747.

English or Old Account		Foreign or New Account
19	Golden Number	19
20	Cycle of the Sun	20
29	The Epacts	18
D	Dominical Letters	A
29	Number Direction	5
10	Roman Indiction	10

A Table of Terms and their Returns.

Hilary-Term begins *Jan. 23.* ends *Feb. 12.*

Returns or Effbign-days.		Exc.	Ret.	Ap.
In eight days of St. Hilary,	<i>Jan. 20</i>	21	22	23
From the day of St. Hilary in 15 days,	27	28	29	30
On the morrow of Purif. of the Bl. Mary, <i>Feb. 3</i>	4	5	6	
In eight days of the Purif. of the Blessed Mary, <i>9</i>	10	11	12	

Easter-Term begins *May 6.* ends *June 1.*

From the day of Easter in 15 days,	<i>May 3</i>	4	5	6
From the day of Easter in 3 weeks,	10	11	12	13
From the day of Easter in 1 month,	17	18	19	20
From the day of Easter in 5 weeks,	<i>May 24</i>	25	26	27
On the morrow of the Ascension,	29	30	31	

Trinity-Term begins *June 19.* ends *July 8.*

On the morrow of the holy Trinity,	<i>June 15</i>	16	17	19
In 8 days of the holy Trinity,	<i>June 21</i>	22	23	24
From the day of the holy Trinity in 15 Days,	28	29	30	31
From the day of the holy Trin. in 3 We. <i>Jul. 5</i>	6	7	8	

Michaelmas-Term begins *Oct. 23.* ends *Nov. 28.*

From the day of St. Mich. in 3 weeks,	<i>Oct. 20</i>	21	22	23
From the day of St. Mich. in 1 Month,	27	28	29	30
On the morrow of all Souls,	<i>Nov. 3</i>	4	5	6
On the morrow of St. Martin,	12	13	14	16
In 8 days of St. Martin,	18	19	20	21
From the day of St. Martin in 15 days,	25	26	27	28

N. B. No Sittings in *Westminster-Hall* on Ascension-day, Midfom day, the 1st and 2d of *November*, and the 2d of *February*.

The *Exchequer* opens eight days before any Term begins except T before which it opens but four Days.

Nota. That the first and last Days of every Term are the Days of perance.

W I N G 1747.

The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting Year to begin Jan. 1.			Length of each Reign, accountin. ²⁸ D. a Month.			Number of Years expired since they began to Reign.	
Names	began to reign	Y.	M.	D.	Beg	Kings Names	
William I.	1066 Oct. 14	20	11	22	681	William	1
William II.	1087 Sept. 9	12	11	18	660	William	2
Henry I.	1100 Aug. 1	35	4	12	647	Henry	1
Stephen	1135 Dec. 2	18	11	19	612	Stephen	
Henry II.	1154 Oct. 25	34	9	2	593	Henry	2
Richard I.	1189 July 6	9	9	22	558	Richard	1
John	1199 April 6	17	7	1	548	John	
Henry III.	1216 Oct. 19	56	1	1	531	Henry	3
Edward I.	1272 Nov. 16	34	8	9	475	Edward	1
Edward II.	1307 July 7	19	7	6	440	Edward	2
Edward III.	1327 Jan. 25	50	5	7	420	Edward	3
Richard II.	1377 June 21	22	3	16	370	Richard	2
Henry IV.	1399 Sept. 29	13	6	4	348	Henry	4
Henry V.	1413 Mar. 20	9	5	24	334	Henry	5
Henry VI.	1422 Aug. 31	38	6	17	325	Henry	6
Edward IV.	1461 Mar. 4	22	1	8	286	Edward	4
Edward V.	1483 April 9	0	2	18	264	Edward	5
Richard III.	1483 June 22	2	2	5	264	Richard	3
Henry VII.	1485 Aug. 22	23	8	19	262	Henry	7
Henry VIII.	1509 Apr. 22	37	10	1	238	Henry	8
Edward VI.	1547 Jan. 28	6	5	19	200	Edward	6
Mary I.	1553 July 6	5	4	22	194	Q. Mary	1
Elizabeth	1558 Nov. 17	44	4	15	189	Q. Elizabeth	
James I.	1603 Mar. 24	22	0	3	144	James	1
Charles I.	1625 Mar. 27	23	11	1	122	Charles	1
Charles II.	1649 Jan. 30	36	0	7	98	Charles	2
James II.	1685 Feb. 6	4	0	17	62	James	2
William III. & M.	1689 Feb. 13	13	0	14	58	William	3
Anne	1702 Mar. 8	12	5	6	45	Q. Anne	
George I.	1714 Aug. 1	12	11	6	33	K. George	1
George II.	1727 June 11	Whom God grant				long to reign.	

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A Table of Simple Interest at 5 per Cent.

Princi- pal.	A Week.			One Month.			Two Months.			Three Months.			Six Months.			Nine Months.			A Year.
Shillings	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.
5	0	0	0	0	0	1	0	0	2	0	0	2	0	1	2	0	2	1	0
10	0	0	0	0	0	2	0	1	0	0	1	2	0	3	0	0	4	2	0
15	0	0	0	0	0	3	0	1	2	0	2	1	0	4	2	0	6	3	0
20	0	0	1	0	1	0	0	2	0	0	3	0	0	6	0	0	9	0	1
25	0	0	2	0	2	0	0	4	0	0	6	0	1	0	0	1	6	0	2
30	0	0	3	0	3	0	0	6	0	0	9	0	1	6	0	2	3	0	3
35	0	1	0	0	4	0	0	8	0	1	0	0	2	0	0	3	0	0	4
40	0	1	1	0	5	0	0	10	0	1	3	0	2	6	0	3	9	0	5
45	0	1	2	0	6	0	1	0	0	1	6	0	3	0	0	4	6	0	6
50	0	1	3	0	7	0	1	2	0	1	9	0	3	6	0	5	3	0	7
55	0	2	0	0	8	0	1	4	0	2	0	0	4	0	0	6	0	0	8
60	0	2	1	0	9	0	1	6	0	2	3	0	4	6	0	6	9	0	9
65	0	2	2	0	10	0	1	8	0	2	6	0	5	0	0	7	6	0	10
70	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	0	15	0	11
75	0	7	2	0	2	6	0	5	0	0	7	6	0	15	0	1	2	6	12
80	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	1	10	0	13
85	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	1	17	6	14
90	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	2	5	0	15
95	1	5	2	0	5	10	0	11	8	0	17	6	1	15	0	2	12	6	16
100	1	7	0	0	6	8	0	13	4	1	0	0	2	0	0	3	0	0	17
105	1	9	2	0	7	6	0	15	0	1	2	6	2	5	0	3	7	6	18
110	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	3	15	0	19
115	2	2	0	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	20
120	2	3	0	1	5	0	2	10	0	3	15	0	7	10	0	11	5	0	21
125	2	4	0	1	13	4	3	6	8	5	0	0	10	0	0	15	0	0	22
130	2	5	0	2	1	0	4	3	4	6	5	0	12	10	0	18	15	0	23
135	2	6	0	2	10	0	5	0	0	7	10	0	15	0	0	22	10	0	24
140	2	7	0	2	18	4	5	16	8	8	15	0	17	10	0	26	5	0	25
145	2	8	0	3	6	8	6	13	4	10	0	0	20	0	0	30	0	0	26
150	2	9	0	3	15	0	7	10	0	11	5	0	22	10	0	33	15	0	27
155	2	10	0	4	3	4	8	6	8	12	10	0	25	0	0	37	10	0	28

This Table shews the Interest of any Sum of Money from 1 Pound to 1000, from a single Week to a Year; and by the Help of Addition may compute the Interest of any Sum whatsoever, by entering under Word Pounds with your Sum given, and in the Head of your Table the Time, and in the Angle of Meeting, you have your Desire.

E X A M P L E.

Interest of 301. } for 1 Year 1 10 0
 } for 3 Months 0 7 6 } viz. 1 l. 18 s. 1 d.
 } for 1 Week 0 0 7½

A Po
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TABLE exhibiting at one View the Value of any Number of Pieces of foreign Gold, in English Pounds, Shillings, and Pence.

No.	Portugal		Pieces		Moidores		Luis d'Or		Pistoles		
	at		at		at		at		at		
	3 l.	12 s.	1 l.	16 s.	1 l.	7 s.	1 l.	4 s.	0 l.	16 s.	6 d.
1	3	12	1	16	1	7	1	4	0	16	6
2	7	4	3	12	2	14	2	8	1	13	0
3	10	16	5	8	4	1	3	12	2	9	6
4	14	8	7	4	5	8	4	16	3	6	0
5	18	0	9	0	6	15	6	0	4	2	6
6	21	12	10	16	8	2	7	4	4	19	0
7	25	4	12	12	9	9	8	8	5	15	6
8	28	16	14	8	10	16	9	12	6	12	0
9	32	8	16	4	12	3	10	16	7	8	6
10	36	0	18	0	13	10	12	0	8	5	0
20	72	0	36	0	27	0	24	0	16	10	0
30	108	0	54	0	40	10	36	0	24	15	0
40	144	0	72	0	54	0	48	0	33	0	0
50	180	0	90	0	67	10	60	0	41	5	0
60	216	0	108	0	81	0	72	0	49	10	0
70	252	0	126	0	94	10	84	0	57	15	0
80	288	0	144	0	108	0	96	0	66	0	0
90	324	0	162	0	121	10	108	0	74	5	0
100	360	0	180	0	135	0	120	0	82	10	0
200	720	0	360	0	270	0	240	0	165	0	0
300	1080	0	540	0	405	0	360	0	247	10	0
400	1440	0	720	0	540	0	480	0	330	0	0
500	1800	0	900	0	675	0	600	0	412	10	0
600	2160	0	1080	0	810	0	720	0	495	0	0
700	2520	0	1260	0	945	0	840	0	577	10	0
800	2880	0	1440	0	1080	0	960	0	660	0	0
900	3240	0	1620	0	1215	0	1080	0	742	10	0
1000	3600	0	1800	0	1350	0	1200	0	825	0	0
2000	7200	0	3600	0	2700	0	2400	0	1320	0	0
3000	10800	0	5400	0	4050	0	3600	0	2000	0	0
4000	14400	0	7200	0	5400	0	4800	0	2640	0	0
5000	18000	0	9000	0	6750	0	6000	0	3300	0	0
6000	21600	0	10800	0	8100	0	7200	0	3960	0	0
7000	25200	0	12600	0	9450	0	8400	0	4620	0	0
8000	28800	0	14400	0	10800	0	9600	0	5280	0	0
9000	32400	0	16200	0	12150	0	10800	0	5940	0	0
10000	36000	0	18000	0	13500	0	12000	0	6600	0	0

A Portugal 3 l. 12 s. weighs 18 dwt. 12 gr. A Portugal 36 s. weighs 9 dwt. 6 gr.
 Moidore at 27 s. weighs 6 dwt. 18 gr. A Double Luis d'Or at 24 s. weighs 6 dwt. 12 gr.
 And a Pistole at 16 s. 6 d. weighs 4 dwt. 8 gr.

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The Use of the following TABLE of the Moon's Southing, find the Time of High-Water, and Hour of the Night.

I. To find the Time of High-Water in most Ports of ENGLAND.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which against the Place required in the following Table of Sea-Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts

	H.
<i>Portsmouth, Queenborough, Southampton,</i>	0
<i>Rothester, Winchelsea, Flushing,</i>	0
<i>Downs, Gravesend, Ramkins, Guernsey,</i>	1
<i>Denbeigh, Bell-Isle, Holy-Isle, Downs-Road,</i>	2
<i>London, Tinmouth, Whitby, Hartlepool,</i>	3
<i>Scarborough, Berwick, Flushing, Staples,</i>	3
<i>Flamborough, Humber, Bridlington-Bay,</i>	4
<i>Plymouth, Ramsey, Newcastle, Severn,</i>	5
<i>Lynn, Fosdyke, Hull, Weymouth, Dartmouth,</i>	6
<i>Boston, Start-Point, Foulness, Bristol-Key,</i>	6
<i>Bridgwater, Milford-Haven, Lizard, Wintertown,</i>	7
<i>Yarmouth, Isle of White, the Needles,</i>	8
<i>Isle of Man, Orkney, Pool, South-Foreland,</i>	9
<i>Dover, Harwich, Orfordness, Bullein,</i>	10
<i>Rye, Solebay, Margate-Road,</i>	11

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants it; which Time subtracted from that of the Moon's Southing leaves the Time of Night. *Note,* You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from the Sum, if need be.

The Kalender explained.

The Left-hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising, Southing, and Setting of Jupiter to every fifth Day.

Below which are Seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked thus *S*, the other Days are noted by their first Letters; but *Tuesday* and *Thursday* beginning with the same Letter, I have put the *Old English* for *Thursday*, the more readily to assist the Eye in counting Number of Days.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of London.

The seventh contains the Times when the Moon is in Apogee and Perigee, as also the Planets Mutual Aspects and Variation of the Air.

On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of, *Saturn*, *Jupiter*, *Mars* and *Venus*, to every 5th Day of the Month.

Below which

Are five other Columns. The first is the Days of the Month, according to the Old Stile or *English* Account. The second is the Month, Days, according to the New Stile or Account used by Foreigners.

The third Column contains the Sun's true Place.

The fourth is the Place of *Mercury* to every Day in the Year.

The fifth Column under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, *Venus*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

January 1747.

First Quarter the 7th day, at 2 aftern.

Full Moon the 15th day, at 3 aftern.

Last Quarter the 22d day, at 5 in the even.

New Moon the 29th day, at 3 aftern.

M	W	Holy Days	Moon	Moon's	's De.	Aspects and
D	D	Orines & fets	fets.	Place.	South.	Weather.
1	T	Circumcision	5 A 47	10 46	19 41	♂ ♀ ♂
2	F	Sun rise 8 4	7 16	24 25	14 24	Cold, frosty Air
3	S	Sun set 3 57	8 34	7 38	8 33	and Snow.
4	S	2 S. aft. Christ	9 56	20 30	2 37	
5	M	Day br. 5 51	11 7	2 57	3 N 21	☐ ☉ ♀. ♂ ☉
6	T	Epiphany.	Morn.	15 12	9 2	♂ ♀ ♀. ☐ ♀
7	W	Cl. fast 11 m.	0 20	27 12	14 15	Cold Rain.
8	T	Lucian.	1 36	9 8	7 18	☐ ☉ ♂
9	F	Sun rise 7 54	2 50	20 59	22 51	♂ Apog.
10	S	Sun set 4 7	4 2	2 54	25 51	
11	S	1 S. aft. Epip.	5 10	14 55	27 44	Inordinate
12	M	Pl. Mond-	6 11	27 3	18 18	Winds and
13	T	Hilary B.	7 4	9 27	27 29	Cloudy Air.
14	W		7 38	22 3	25 14	Cold Rain
15	T	Cl. fast 13 m.	♂ rises.	4 53	21 41	Snow, and raw
16	F	Sun rise 7 44	5 A 27	17 58	17 25	unsettled Wea-
17	S	Sun set 4 18	6 49	1 16	11 25	ther.
18	S	2 S. aft. Epip.	8 10	14 47	5 15	
19	M	Day br. 5 36	9 34	28 29	0 51	Sharp Frost
20	T	Pr. Wal. born	11 2	12 21	7 S. 46	and some Snow
21	W	Agnes Vir.	Morn.	26 20	13 54	♂ ♀ ♀
22	T	Sun rise 7 34	0 31	10 25	20 24	
23	F	Term begins	2 0	24 37	23 54	♂ Perig.
24	S	Sun set 4 30	3 30	8 52	26 58	* ♀ ♂
25	S	3 S. aft. Epip	4 55	23 7	28 19	St. Paul Conv.
26	M		5 56	7 21	27 45	☐ ♀ ♂
27	T	Chrylосто.	6 36	21 28	25 22	Clear Frosty
28	W	Cl. fast 15 m.	7 5	5 25	21 30	Air.
29	T	Sun rise 7 20	♂ fets.	19 5	16 33	Much Wet and
30	F	K. Ch. I. Ma	6 A 4	2 28	10 52	Windy Weather
31	S	Sun set. 4 44	7 25	15 33	5 51	

	Saturn.			Jupiter.			Mars.			Venus.		
	☿	♊	Declin.	♊	Declin.	♊	Declin.	♊	Declin.	♊	Declin.	
126	31	7	53	2	7	35	17	26	33	8	32	
6	26	31	7	55	3	33	3	16	23	37	9	
11	26	40	7	57	4	19	23	15	18	10	13	
16	26	44	7	58	5	22	23	13	3	34	10	
21	26	48	8	0	6	25	23	11	5	42	11	
26	26	49	7	58	7	26	23	8	7	44	12	

Sun's Place.	Mercur. °	Venus °	Observations.
22 12	2	2	Aldebaran 10th 45 m. aft. 8 at night.
23	3	2	Venus sets at 5 in the evening.
24	4	2	Saturn rises half an hour aft. midnight.
25	5	2	42
26	6	2	Day 8 hours long, increased 36 m.
27	7	3	28
28	8	4	Hail! sacred George, Guardian of our Isle, Let Traitors froon, while you serenely smile, And Crown your Hero with immortal Bays,
29	9	4	48 William, who merits Britain's lasting Praise; Who stem'd French Pow'r and Liberty restor'd To injur'd Britain, and its righteous Lord.
0 0	10	5	36
1	12	6	27
2	13	7	22
3	14	8	20
4	15	9	21
5	16	10	26
6	16	11	33
7	17	12	43
8	18	13	55
9	19	15	6
10	20	16	17
11	21	17	31
12	22	18	45
13	23	20	5
14	23	21	27
15	24	22	53
16	25	24	15
17	26	25	40
18	26	27	5
19	27	28	30
20	28	29	57
21	28	1 1/2	24
22	29	2	52

Mercury at his greatest elongation.
Cambridge Term begins.
Mercury rises at 23 m. aft. 6 in morn.
Day 8 h. 30 m. long, increas. 1 h. 6 m.
Venus rises at 6 in the morning.
The ☾ with Cor ♀ near 3 in the morn.
Saturn rises half an hour after 11 at
night, and is South half an hour
after 4 in the morning.
Right Shoulder of Orion South 40 m.
after 8 at night.
Day 9 h. long, increased 1 h. 36 m.
Mars rises 17 m. after midnight, and
is South at 5 in the morning.
Sun Eclipsed Invisible.
Sirius or the Dog Star South at 9 at
night.

February 1747.

First Quarter the 6th day, at 11 morn.
 Full Moon the 14th day, at 5 morn.
 Last Quarter the 21st day, at 1 morn.
 New Moon the 28th day, at 6 morn.

Days.	Rises	Set
1	5 m 8	8 m
6	4 53	8
11	4 38	8
16	4 22	8
21	4 8	7
26	3 53	7

M	W	Holy Days.	Moon	Moon's	D's De.	Aspects and
D	D	Orises & sets.	sets.	Place.	North.	Weather.
1	S	S. afr. Ep.	8 A 41	28 X 18	0 47	Pleasant
2	M	Purif. B. V.	9 57	10 Y 47	7 6	Frost and
3	T		11 13	23 112	34	some Wind.
4	W	Blase B.	Morn.	5 8 3	17 23	Δ ☉ h
5	T	Sun rise 7 7	0 26	17 0	21 43	D Apog.
6	F	Sun set 4 55	1 37	28 52	25 1	☐ ☿ ♀
7	S	Cl. fast 14 m.	2 48	10 II 48	27 15	Frosty Weather
8	S	S. afr. Ep.	3 57	22 48	28 20	continues with
9	M	Day br. at 5	4 52	5 8 0	28 0	some Snow or
10	T	Scholast.	5 36	17 25	26 17	Sleet.
11	W	Sun rise 6 55	6 1	0 Ω 8	23 10	
12	T	Term ends.	6 24	13 11	18 48	Cold foggy
13	F	Sun set 5 9	6 50	26 32	13 26	Weather.
14	S	Valentine	D rises	10 m 13	7 20	Δ h ♀
15	S	Septuagesim.	7 A 16	24 11	0 44	☐ h ♀
16	M	Cl. fast 13 m.	8 51	8 19	5 S 57	Drilling Rain
17	T	Sun rise 6 43	10 15	22 37	12 25	and unpleas
18	W	Sun set 5 19	11 47	6 m 58	18 15	* ☉ ♀ Weat
19	T		Morn.	21 18	23 3	D Perig.
20	F	Day br. 4 40	1 14	5 33	26 28	Sharp Frost and
21	S	Cl. fast 12 m	2 41	19 42	28 10	Snow.
22	S	Sexagesima	3 51	3 w 42	28 5	Prince Hessebo
23	M	Sun rise 6 31	4 43	17 33	26 11	Rain and
24	T	St. Matthias	5 12	1 13	22 50	Δ ☉ ♂
25	W	Sun set 5 53	5 37	14 41	18 13	unsettled
26	T		5 52	27 58	12 49	Δ ♂ ♀
27	F	Cl. fast 11 m.	6 20	10 X 59	6 59	☐ ☉ ♀
28	S	Sun rise 6 20	D sets.	23 49	0 N 55	Weather.

Jupiter may be seen in the Morning till June 23d, and from thence in Evening till June 26th, 1748.

Venus
Day

Day.	Saturn.		Jupiter.		Mars.		Venus.		
	°	Declin.	°	Declin.	°	Declin.	°	Declin.	
1	26	46	7 S	54	8	37 23 S	4 10	1 13 S 0 19	41 15 S 24
2	26	41	7	51	9	34 23	1 11	47 13 34 21	19 15 41
3	26	32	7	46	10	30 22	56 13	24 14 4 23	35 15 55
4	26	22	7	41	11	23 22	51 14	47 14 3 26	31 16 0
5	26	10	7	35	12	13 22	48 16	2 14 53 29	56 16 0
6	25	54	7	28	13	0 22	44 17	2 15 11 3 ^m 47	15 45

Sun's Place.		Merc.		Observations.	
23	30	4	22	Day 9 h. 30 m. long, increased 2 h.	
24	31	5	52	6m. Venus rises at 5 in the morning.	
25	31	7	23		
26	31	8	54	<i>May Traytors of Rebellion have their Shares,</i>	
27	32	10	27	<i>May Storms and Tempests shake their guilty Chairs.</i>	
28	32	12	2	<i>Who against Law and Property Rebel,</i>	
29	33	13	37	<i>Who in nought else but cruelty excel;</i>	
30	33	15	14	<i>Let Fury interrupt their guilty Breast,</i>	
1	33	16	52	<i>And popular Hatred rob them of their Rest.</i>	
2	34	18	30	Day 10 h. long, increased 2 h. 36 m.	
3	34	20	10	Saturn rises at 10 at Night.	
4	34	21	50	Mars South 22 m. after 4 morn.	
5	35	23	31	Pollux South at 9 at night. Alt. 66 deg.	
6	35	25	12	Moon Eclipsed, visible and Total.	
7	35	26	55		
8	35	28	40	Day 10 h. 30 m long, increased 3 h. 6m.	
9	35	0	24	Mars rises 27 min. aft. 11 at night.	
10	36	2	10	Sirius south 46 m. after 7 at night.	
11	36	3	57	Saturn south at 52 min. aft. 2 in morn.	
12	36	5	45	Venus rises 34 m. after 4 in the morn.	
13	36	7	35		
14	36	9	25	7 Stars set three quarters aft. midnight.	
15	36	11	17	Day 11 h. long, increased 3 h. 36 m.	
16	36	13	10	Mars south 50 m. after 3 in the morn.	
17	35	15	4		
18	35	17	0	Venus rises half an hour after 4 morn.	
19	35	18	55		
20	35	20	52	Sun Eclipsed Invisible.	

Venus is a Morning Star from the 5th of January unto the 28th Day of October, thence an Evening Star to August 1748.

March 1747.

First Quarter the 8th day, at 7 in the morn.
 Full Moon the 15th day, at 5 afternoon.
 Last Quarter the 22d day, at 8 in the morn.
 New Moon the 29th day, at 9 at night.

M	W	Holy Days	Moon	Moon's	D's De.	Aspects and
D	D	☉ rises & sets.	sets.	Place.	North.	Weather.
1	S	Shrove Sun.	7 A 40	6 V 25	5	3 David.
2	M	Cl. fast 11 m.	8 57	18 46	10	42 Cold Winds
3	T	Shrove Tues.	10 4	0 57	15	53 with Frost and
4	W	Ash-Wednes.	11 27	12 59	20	23 Snow.
5	T	Sun rise 6 9	Morn.	24 54	24	0 Apog.
6	F	Sun set 5 53	0 21	6 II 47	26	38 Very Cold
7	S	Perpetua.	1 48	18 40	28	3 sharp freezing
8	S	1 S. in Lent.	2 47	0 41	28	12 Winds with
9	M	Cl. fast 8 m.	3 35	12 50	27	0 Snow or Sleet
10	T	Sun rise 5 59	4 7	25 14	24	23
11	W	Emb. Week.	4 32	7 57	20	35 Cold Rain with
12	T	Gregory.	4 49	21 1	15	43 very high
13	F	Sun set 6 7	5 3	4 32	9	55 * ♀ ♀. ☐
14	S	P. Edw. born.	5 18	16 25	3	28 Winds, and
15	S	2 S. in Lent.	☉ rises.	2 43	35	20 settled Weather
16	M		7 A 56	17 17	10	3
17	T	S. Patrick	9 30	2 m 2	16	18 8 h ♀
18	W	Sun rise 5 43	11 9	16 51	21	37
19	T	Sun set 6 19	Morn.	1 34	25	34 D Perig.
20	F	Cl. fast 4 m.	0 38	16 5	27	50 Δ h ♀
21	S	Day br. 3 33	1 53	0 V 21	28	11 Cloudy and
22	S	3 S. in Lent.	2 46	14 19	26	43 pestuous We
23	M	Sun rise 5 33	3 22	27 59	23	41 ther, with
24	T	Sun set 6 29	3 48	11 22	19	22 Showers.
25	W	Lady-Day.	4 6	24 30	14	15 High Winds
26	T		4 20	7 25	8	33 ☐ ☉ 4
27	F	Cl. fast 2 m.	4 32	20 6	2	38 and cold Ra
28	S		4 41	1 V 37	3	18 or Sleet, and
29	S	Midlent Sun.	☉ sets.	14 58	9	1 very rugged
30	M	Sun rise 5 10	7 A 56	27 11	14	17 Weather.
31	T	Sun set 6 42	9 20	9 16	18	4 * ♀ ♂

Long.	Lat.	Saturn.		Jupiter.		Mars.		Venus.	
		Declin.		Declin.		Declin.		Declin.	
125	45	78.25	13	27 22S.42	17	34 15S.20	6	15 15S.3	1
625	20	7 18	14	9 22 38	18	12 15 32	10	38 15	0
1125	8	7 10	14	50 22 34	18	35 15 42	15	14 14	18
1624	46	7 1 15	25 22	30 18	R 40 15	48 20	2 13	20	
2124	26	6 5 15	57 22	27 18	27 15	50 25	0 12	16	
2625	5	6 44 16	25 22	24 17	56 15	47 0	8 10	59	

Sun's Place.	Mercur.	Observations.
21 $\times$ 35	22 51	Day 11 h. 30 m. long, increased 4 h. 6 m.
22 34	24 50	<i>Soon after the Eclipse the troubled Skies</i>
23 34	26 49	<i>We may behold, where discontents arise,</i>
24 34	28 49	<i>Among the Heavenly bodies, whose Aspects</i>
25 33	0 49	<i>Do threaten Mortals with their dire Effects :</i>
26 33	2 48	<i>'Tis natural you'll say, confess 'tis true,</i>
27 32	4 49	<i>Yet many times strange Actions do ensue.</i>
28 32	6 50	
29 31	8 50	Equal Day and Night. Days increased
0 31	10 50	4 h. 36 m.
1 30	12 49	Saturn rises about 8 at night.
2 30	14 46	Moon covers Cor Ω 34 m. past 8 night.
3 29	16 40	Cor Hydræ South at 9 at night.
4 28	18 31	Mars rises 14 m. after 10 at night, and
5 28	20 19	is south 55 m. after 2 in the morning.
6 27	24 4	
7 26	23 45	Day 12 h. 30 m. long, increased 5 h. 6 m.
8 25	25 24	Max. elong. $\varnothing$ mat,
9 24	26 58	Venus rises 15 m. after 4 in morn,
10 23	28 27	
11 22	29 52	Saturn South 52 m. after midnight.
12 21	1 9	
13 20	2 22	Mercury sets 2 h. after the Sun.
14 19	3 29	Max. elong. $\varnothing$ vesp. dist. a $\odot$ 19 ^o 27'
15 18	4 30	Day 13 h. long, increased 5 h. 36 m.
16 17	5 23	Mars rises half an hour after 9 at
17 16	6 11	night, and is South at 2 in the
18 15	6 53	morning.
19 14	7 30	Regulus South 44 m. after 8 at night.
20 12	7 59	
21 11	8 23	

April 1747.

First Quarter the 7th day, at 1 morn.

Full Moon the 14th day, at 2 morn.

Last Quarter the 20th day, at 5 afternoon.

New Moon the 28th day, at 1 afternoon.

Days.	rises	sets
1	2m 1	5
6	1	4
11	1	27
16	1	9
21	0	50
26	0	31

M	W	Holy Days.	Moon	Moon's	D's De.	Aspects and
D	D	☉ rises & sets.	sets.	Place.	North.	Weather.
1	W	Noah	10 A 30	21 8 13	22 44	☾ Apog.
2	T	Sun rise 5 12	11 47	3 11 8	25 44	☉ ☉ ☽
3	F	Sun set 6 50	Morn.	14 59	27 33	☉ ☉ ☽
4	S	Ambrose	0 49	26 53	28 10	Rough Wind
5	S	Passion Sund.	1 35	8 52	27 25	dark and ob-
6	M	Cl. flow 1 m.	2 13	21 0	25 18	scure Weather
7	T		2 42	3 12	20 21	58 with some Ra
8	W	Sun rises at 5	3 1	16 0	17 33	☽ ☉ ☽
9	T	and sets at 7	3 17	29 1	12 13	Fair and Cle
10	F	Day br. 2 36	3 31	12 30	6 9	
11	S	Cl. flow 2 m.	3 43	26 26	0 S 25	* ☽ ☽
12	S	Palm Sunday	3 55	10 49	7 10	Frequent Sho
13	M	Sun rise 4 50	4 12	25 37	13 41	☉ ☉ ☽
14	T	Sun sets 7 12	☾ rises.	10 40	19 29	of Rain or
15	W	Pr. Will. bo.	10 A 17	25 51	24 7	☾ Perig.
16	T	Maund Th.	11 42	10 57	27 3	and somewha
17	F	Good Friday	Morn.	25 48	28 6	stormy.
18	S	Sun rise 4 41	0 48	10 19	27 8	
19	S	Easter Day	1 29	24 25	24 24	
20	M	Monday	2 0	8 5	20 18	☉ ☉ ☽
21	T	Tuesday	2 17	21 24	15 20	Very temp
22	W	Sun set 7 26	2 28	4 22	9 46	rate and fine
23	T	St. George.	2 39	17 3	3 57	seasonable W
24	F	Cl. flow 4 m.	2 50	29 31	1 N 56	ther.
25	S	St. Mark.	3 1	11 49	7 39	
26	S	Low Sunday	3 12	23 58	12 59	Moist humid
27	M		3 23	6 1	17 47	Air, and
28	T	Sun rise 4 23	☾ sets.	17 59	21 51	☽ ☉ ☽
29	W	Sun set 7 39	9 A 37	29 54	25 1	☾ Apog.
30	T	Cl. flow 5 m.	10 45	11 47	27 6	showery.

Day.	Saturn.				Jupiter.				Mars.				Venus.			
	h	m	Declin.	W	h	m	Declin.	W	h	m	Declin.	W	h	m	Declin.	
1	23	35	6S	35	16	54	22	S22	16	52	15	S37	6	28	9S 10	
6	23	12	6	26	17	14	2	21	15	38	15	26	11	49	7 30	
11	21	50	6	20	17	29	22	20	14	13	15	11	7	15	5 44	
16	22	27	6	11	17	38	22	19	12	32	11	54	22	45	3 51	
21	22	8	6	4	17	44	22	19	10	45	14	31	28	19	1 50	
26	22	47	5	58	17	44	22	19	8	55	14	9	3V	57	0 N 7	

N.	Sun's		Mercur.		Observations.	
	Place.		°	8		
222	10	8	38		Day 13 h. 30 m. long, increased 6h. 6m.	
323	9	8	48		♀ ad λ distant 16 min.	
424	7	8	52		Venus rises at 4 in the morning.	
525	6	8	49		Saturn sets at 5 in the morning.	
626	4	8	42			
727	3	8	26		Mars South 15 m. after 1 in the morn.	
828	1	8	4		Cor Caroli South at 11 at night.	
929	0	7	37		Day 14 h. long, increased 6 h. 36 m.	
1030	58	7	11		Sun enters ♄ 42 min. past noon.	
1108	57	6	40		Cambridge Term ends.	
121	55	6	5			
132	53	5	28		Mars rises at 8 at night, and is south	
143	52	4	49		45 min. after midnight.	
154	50	4	8		Venus rises 40 m. after 3 in the morn.	
165	48	3	27			
176	47	2	47		Day 14 h. 30 m. long, increased 7h. 6m.	
187	45	2	7		Saturn sets 30 min. aft. 4 in the morn.	
198	43	1	30			
209	41	0	55		Is Peace intended, or is't flourish'd flights	
2110	39	0	23		Some self end projects, under pretended Rights?	
2211	37	29	V57		Whilst some a Peace expect, the Sun and Mars	
2312	35	29	35		Oppose all Peace, and prompt Mankind to Fars.	
2413	33	29	18			
2514	31	29	3		Day 15 h. long, increased 7 h. 36 m.	
2615	29	28	52			
2716	27	28	45		Mars south 30 min. after 11 at night,	
2817	25	28	44		and sets 17 m. after 4 in the morn.	
2918	23	28	D.47		Deneb south 32 m. after 8 at night.	
3019	21	28	54		Cambridge Term begins.	
3120	19	29	6			

May 1747.

First Quarter the 6th day, at 3 afternoon.

Full Moon the 13th day, at 9 morn.

Last Quarter the 20th day, at 3 morn.

New Moon the 28th day, at 4 morn.

M	W	Holy Days.	Moon	Moon's	's De.	Aspects and	
D	D	☉ rises & sets.	sets.	Place.	North.	Weather.	
1	F	S. Phil. & Ja.	11 A 37	23 II 41	28	1 Moderate and	
2	S		Morn.	5 36	27	30 seasonable R	
3	S	2 S. aft. East.	0 19	17 36	25	48	
4	M	Sun rise 4 14	0 47	29 43	22	50	Fine serene
5	T	Sun set 7 48	1 8	12 Ω 4	18	51	perate Weat
6	W	Term begins	1 22	24 45	13	50	
7	T	Dayb. 12 47	1 37	7 37	8	10	☐ ♀
8	F	Cl. flow 4m.	1 54	21 0	1	58	
9	S		2 5	4 49	4	S. 30	8 ♂ ♀
10	S	3 S. aft. East.	2 15	19 8	11	0	8 ♀
11	M	Sun rise 4 4	2 26	3 m 54	17	3	Brisk Wind
12	T	Sun set 7 58	2 39	19 0	22	11	and very
13	W	Herbat.	Drises.	4 18	25	56	Perig.
14	T	No real nig.	10 A 31	19 35	27	48	seasonable
15	F	Cl. flow 3m.	11 22	4 41	27	33	Showers.
16	S	Sun rise 3 57	12 0	19 25	25	31	Healthful
17	S	4 S. aft. East.	Morn.	3 37	21	34	and temper
18	M	Sun set 8 5	0 22	17 31	16	41	Weather.
19	T	Dunstan.	0 35	0 53	11	7	
20	W	Sun rise 3 53	0 46	13 57	5	12	Δ ♀
21	T		0 57	26 29	0 N 26	8 ♂ ♀	
22	F	Cl. flow 3m.	1 8	8 50	6	27	Some mild
23	S	Sun rise 3 50	1 19	21 11	11	50	still Showers
24	S	Rogat. Sund.	1 30	3 8	3 16	45	Pr. George
25	M	Sun set 8 11	1 41	14 0	20	58	of Rain.
26	T	Bustin.	2 0	26 54	24	19	Lofty Wind
27	W	Bede.	2 23	8 48	26	40	D Apog.
28	T	Ascension D.	2 sets.	20 42	27	50	and frequen
29	F	K. Ch. II. Re.	10 A 13	2 38	27	40	Showers.
30	S	Pfs. Am. & Ca. b.	10 46	14 39	26	12	
31	S	5 S. aft. East.	11 10	26 46	23	29	Δ ☉ ♀

Long.	P.	Saturn			Jupiter			Mars			Venus		
		♄	Dec.	h	♃	Decl.	h	♂	Decl.	h	♀	Decl.	h
11	11	27	5	50	17	40	22	10	13	48	9	36	2
12	11	9	5	44	17	31	22	32	13	29	15	17	4
13	10	54	5	39	17	17	22	9	13	12	21	0	6
14	10	40	5	34	16	44	22	0	13	0	26	45	8
15	10	29	5	31	16	38	22	15	12	56	2	8	35
16	10	9	5	29	16	11	22	47	12	56	8	25	12

Sun's Place.		Merc. ° ♀		Observations.	
21	8 16	29	23	Saturn south 6 m. after 10 at night, and	
22	14 29	45		sets 30 m. after 3 in the morning.	
23	12 08	11		Day 15 h. 30 m. long, incr. 8 h. 6 m.	
24	10 0	41			
25	8 1	14		♀ ad ☌, dist. 27 min.	
26	5 1	51		Venus rises at 3 in the morning.	
27	3 2	32			
28	1 3	17		Aliath south at 9 at night.	
28	58 4	5		♀ with μ ☌, D ad 9 ☌, ↓ m.	
29	56 4	56		Sun enters II at 1 h. 39 m. afternoon.	
30	54 5	50		Max. elongat. ♀ mat. dist. a' ☉ 25° 6'.	
31	51 6	48		Mercury rises so near the Sun, that he	
32	49 7	50		will scarcely be seen this Month.	
33	46 8	55		Day 16 h. long, increased 8 h. 36 m.	
34	44 10	4		Virgin's Spike south at 9 at night.	
35	41 11	6			
36	39 12	31		<i>Now is the Time the Soldier must prepare</i>	
37	36 13	49		<i>His Arms, once more to try th' Event of War.</i>	
38	34 15	9		<i>The valiant Volunteer, urg'd on by Fame,</i>	
39	31 16	32		<i>The British Hero, inspir'd with martial-Flame,</i>	
40	29 17	57		<i>Tries to conclude the War this one Campaign.</i>	
41	26 19	25		<i>Dispatch will soonest give the Patient Ease,</i>	
42	23 20	56		<i>But ling'ring War is like a long Disease.</i>	
43	21 22	30		Saturn and Mars sets nearly together	
44	18 24	5		about 50 min. after 1 in the morning.	
45	16 25	44		Arcturus south 8 m. after 9 at night.	
46	13 27	26		Venus rises 22 m. after 2 in the morn.	
47	10 29	10			
48	8 0	57		Day 16 h. 30 m. long. incr. 9 h. 6 m.	
49	5 2	47		Northern Crown south near 10 at night.	
50	2 4	39			

June, 1747.

Days Jupiter
rises sets

First Quarter the 5th day, at 1 in the morn.
Full Moon the 11th day, at 5 afternoon.
Last Quarter the 18th day, at 4 afternoon.
New Moon the 26th day, at 7 afternoon.

11 02 09 11
6 9 38 11
11 9 15 0
16 8 51 0
21 sets 0
26 3m 32 11

M.D.	Holy Days, rises & sets	Moon sets.	Moon's Place.	P's De. North	Aspects & Weather
1 M	Term ends.	11 a 29	9 Ω 0	19 41	Δ 24 ♀
2 T	Sun rise 3 44	11 41	21 26	15 0	Fair, clear,
3 W	Sun set 8 17	11 53	4 ♀ 5	9 34	and serene
4 H	Boniface.	Morn.	17 2	3 39	air.
5 F	Clocks go true	0 4	0 Δ 21	2 S 37	Some fine
6 S	with the Sun.	0 14	14 3	8 56	showers.
7 H	Whit-Sunday	0 25	28 11	14 57	Δ h ♀
8 M	Monday.	0 39	12 m 46	20 19	
9 T	Tuesday.	0 59	27 39	24 37	D Perig.
10 W	Ember-Week	1 37	12 ♀ 49	26 15	Very hot
11 H	St. Barnabas.	D rises	27 52	27 54	K. Geo. II. I
12 F	Sun rise 3 42	9 a 49	13 ♀ 7	26 27	and dry.
13 S	Sun set 8 18	10 17	27 55	23 11	Δ ⊙ δ . 6
14 H	Trinity-Sund.	10 38	12 m 19	18 29	(Δ
15 M	K. Geo. II. Pr.	10 50	26 16	12 58	Great heat
16 T		11 1	9 ♀ 45	7 1	and inclin'd
17 W	St. Alban.	11 15	22 48	0 50	drought.
18 H	Corp. Chril.	11 28	5 ♀ 28	5 N 6	8 24 ♀
19 F	Term begins.	11 40	17 50	10 41	Some small
20 S	Cl. fast 3 m.	11 52	29 57	15 44	showers.
21 H	1 S. aft. Trin.	Morn.	11 8 58	20 10	□ h ♀
22 M	Sun rise 3 45	0 5	23 46	24 3	Brisk winds
23 T	Sun set 8 14	0 23	5 II 46	26 15	8 ⊙ 24
24 W	St. John. Bapt.	0 57	17 40	27 40	D Apog.
25 H		1 36	29 37	27 51	Curious ser
26 F	Cl. fast 4 m.	D sets	11 Ω 40	26 39	air.
27 S	Sun rise 3 49	9 a 10	23 49	24 11	Cloudy and
28 H	2 S. aft. Trin.	9 31	6 Ω 5	20 35	small show
29 M	S. Pet. & Paul.	9 44	18 32	16 3	Δ h ♀
30 T	Sun set 8 9	10 3	1 m 11	10 43	□ δ ♀

Long.	Days	Saturn			Jupiter			Mars			Venus							
		♄	Dec.		♃	Decl.		♂	Decl.		♀	Decl.						
	1 20	11	5	S 27	15	36	23	S 40	1	43	13	S 5	15	27	14	N 38		
	6 20	7	5		26	15	1	22	44	2	1	13	21	21	20	16	9	
Dec	11 20	D	5		27	14	26	22	48	2	35	13	42	27	14	17	52	
	16 20		7		30	13	49	22	53	3	27	14	4	3	II	9	19	16
7	21 20		10		31	13	10	12	57	4	36	14	35	9		6	20	28
	26 20		15		35	12	32	23	26	3	15	8	15		4	21	27	

Sun's Place.		Merc. ° II		Observations.	
21	II	0	6	33	Venus rises 15 m. after 2 in the morn.
21	57	8	30		The ♃ with Cor ♎ at 9 at night.
22	54	10	29		Saturn sets 18 m. after 1 in the morn.
23	51	12	30		
24	49	14	33		Mars south at 9 at night, and sets at midnight.
25	46	16	38		
26	43	18	45		Scorpions heart south 28 m. after 10 at night. Altitude 12 degrees.
27	40	20	54		Days increased 9 h. 12 m.
28	38	23	4		Longest Day at Stamford 16 h. 36 m.
29	35	25	14		Venus rises at 2 in the morn.
03	32	27	25		
1	29	29	36		
2	26	1	48		♀ ad ♍ 8, dist. 16 m.
3	24	4	0		♂ ad ♏ 12 h. 17 m.
4	21	6	11		
5	18	8	20		Saturn and Mars set together at 24 m. after midnight.
6	15	10	29		
7	12	12	37		
8	10	14	44		Sun in Apogee at 6 h. 23 m. evening.
9	8	16	45		Lyræ south 48 m. after 11 at night.
10	4	18	52		
11	1	20	54		Day 16 h. 30 m. long, decreased 6 m.
11	58	22	55		♂ ad ♏, at 8 h. 24 m. in the evening.
12	56	24	54		
13	53	26	51		Shall Right Divine be still the specious Bait
14	50	28	46		For crafty Traitors to destroy the State!
15	47	0	39		And shall we tamely with the Traitors side,
16	44	2	30		Who thus our Land industriously divide!
17	42	4	18		For Shame, ye Britons! all your Feuds decline,
18	39	6	5		Don't swallow, with such Ease, a French Design.

July, 1747.

Day Jupiter
Sou. | See

First Quarter the 4th day, at 9 morn.
Full Moon the 10th day, at midnight.
Last Quarter the 18th day, at 6 morn.
New Moon the 26th day, at 9 morn.

1 11 25 3
6 11 4 2
11 10 41 2
16 10 17 1
21 9 56 1
26 9 35 1

M.D.	W.D.	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	☽ De. North.	Aspects and Weather.
1	W	Cl. fast 5 m.	10 a 13	14 m 0	4 N 52	Cloudy.
2	T	Cl. fast 5 m.	10 24	27 5	1 S 15	☐ ☉ h
3	F	Sun rise 3 54	10 35	10 a 28	7 28	Dark obscure
4	S	Sun set 8 5	10 46	24 8	13 26	air, and some
5	S	S. aft. Trin.	10 57	8 m 9	18 55	showers.
6	M		11 24	22 27	23 24	More settled.
7	T	Who. à Beck.	Morn.	7 f 2	26 31	☽ Perig.
8	W	Term ends.	0 6	21 51	27 57	* h ♀
9	T	Sun rises at 4	1 3	6 h 42	27 19	* h ♂
10	F	and sets at 8.	☽ rises	21 34	24 46	Some small
11	S	Cl. fast 6 m.	8 a 36	6 m 11	20 34	showers.
12	S	4 S. aft. Trin.	8 51	20 31	15 15	Sultry hot a
13	M	Day br. 30 m.	9 5	4 x 28	9 5	and thunder
14	T	after mid.	9 15	18 0	3 1	showers.
15	W	S. Swithin	9 25	1 v 7	3 N 10	
16	T	Sun rise 4 11	9 35	13 50	9 1	8 4 ♀
17	F	Sun set 7 47	9 45	26 16	14 22	Serene and
18	S	Cl. fast 6 m.	9 57	8 x 26	19 2	very fine we
19	S	5 S. aft. Trin.	10 23	20 27	22 52	ther.
20	M	Dog-days beg	10 56	2 II 21	25 46	☽ Apog.
21	T		11 32	14 13	27 29	Some flying
22	W	Barp Bag.	Morn.	26 8	28 0	Δ ♂ ♀
23	T	Sun rise 4 21	0 26	8 w 8	27 11	clouds, but
24	F	Sun set 7 37	1 31	20 17	25 3	Δ 4 ♀
25	S	St. James.	2 45	2 Ω 36	21 43	pretty fair.
26	S	6 S. aft. Trin.	☽ sets	15 7	17 22	☐ h ♀
27	M	Cl. fast 5 m.	8 a 5	27 51	12 8	
28	T	Day br. 1 46	8 15	10 m 48	6 18	Lofty wind
29	W	Sun rise 4 32	8 25	23 59	0 8	with rain
30	T	Sun set 7 26	8 37	7 a 23	6 S 8	hail.
31	F	Ps. Augusta b.	8 47	20 50	12 13	

Ving.	Day.	Saturn		Jupiter		Mars		Venus	
		♄	Dec.	♃	Dec.	♂	Dec.	♀	Decl.
July 747.	1 20	24	5 ^S 39	11	54 23 ^S 7	7	43 15 ^S 14	21	1 22 ^N 10
	6 20	36	5 44	11	18 23 10	9	23 16 24	27	2 22 38
	11 20	47	5 49	10	43 23 14	11	34 17 6	3 ⁵⁰	4 22 52
	16 20	59	5 56	10	11 23 18	13	45 17 50	9	6 22 47
	21 21	19	6 4	9	41 23 21	16	6 18 33	15	10 22 31
	26 21	39	6 13	9	12 23 24	18	36 19 18	21	15 21 54

12	19	36	7	52	Saturn and Mars set together at 20 m
13	20	33	9	35	after 11 at night.
14	21	31	11	17	Bright * of Aquila south at midnight.
15	22	28	12	56	Venus rises at 50 m. after 1 in morn.
A	23	25	14	34	
17	24	22	16	10	
18	25	20	17	43	Commencement-day at Cambridge.
19	26	17	19	15	Day 16 h. long, decreased 36 m.
20	27	14	20	46	
21	28	11	22	14	Cambridge Term ends.
22	29	9	23	40	Sun enters Ω 21 h. 28 m. P. M.
A	0	6	25	3	
24	1	3	26	25	<i>Now does the great decisive Day draw near,</i>
25	2	1	27	45	<i>On which alone depends the Fate of War ;</i>
26	2	58	29	2	<i>The Heroes of Liberty, with restless Arms</i>
27	3	55	0	18	<i>And double Rage, the slavish Troops alarms :</i>
28	4	53	1	31	<i>Those Troops that boast no Conduct like their own,</i>
29	5	50	2	43	<i>By British Valour now are tumbled down.</i>
A	6	48	3	52	
31	7	45	4	58	Day 15 h. 30 m. long, decr. 1 h. 6 m.
A	8	43	6	2	The δ with 7 *'s at 11 night, 19th day.
2	9	40	7	3	Saturn sets at 10 at night.
3	10	38	8	1	Venus rises 10 m. after 2 in the morn.
4	11	35	8	57	Max. Elong. δ vesp. dist. a' $\odot$ $27^{\circ} 30'$
5	12	33	9	51	Mercury sets about 3 quarters of an hour
A	13	30	10	40	after the Sun.
7	14	28	11	28	Sun eclipsed, invisible.
8	15	25	12	11	Mars sets at 10 at night.
9	16	23	12	49	Day 15 h. long, decreased 1 h. 36 m.
10	17	20	13	31	
11	18	18	13	57	Fomahant south 25 min. after 1 morn.

August, 1747.

Days | Jupiter
Sou. | Se

First Quarter the 2d day, at 3 afternoon.
Full Moon the 9th day, at 8 in the morn.
Last Quarter the 16th day, at midnight.
New Moon the 24th day, at 9 at night.
First Quarter the 31st day, at 8 at night.

1 9 2 10 0
6 8 50 0
11 8 30 0
16 8 11 11
21 7 53 11
26 7 35 11

N	E	Holy Days,	Moon	Moon's	D's De.	Aspects and
U	U	riser & sets.	sets.	Place.	South.	Weather.
1	S	Lammas-day.	9 a 2	4 m 47	17 45	Fair and
2	S	7 S. aft. Trin.	9 25	18 47	22 27	clear.
3	M	Sun rise 4 41	10 0	2 f 57	25 56	D Perig.
4	T	Sun set 7 17	10 53	17 15	27 48	* O h
5	W	Morn.	1 1/2	40 27	49 49	Wind and
6	H	Transfig.	0 7	16 6	25 57	rain.
7	F	Cl. fast 3 m.	1 33	0 31	22 22	□ O f
8	S	Day br. 2 24	3 7	14 46	17 29	Lofty winds
9	S	8 S. aft. Trin.	D rises	28 49	11 45	and much r
10	M	Laurence.	7 a 23	12 X 35	5 24	or hail.
11	T	Sun rise 4 56	7 35	26 1	ON 51	
12	W	Sun set 7 2	7 46	9 v 10	7 5	Serene and
13	H	Clo. fast 2 m.	7 57	22 51	12 42	moderate
14	F		8 8	4 8 17	17 44	good harvest
15	S	Assumpt.	8 28	16 29	21 55	weather.
16	S	9 S. aft. Trin.	8 53	28 30	25 5	
17	M	Sun rise 5 8	9 31	10 II 25	27 0	D Apog.
18	T	Sun set 6 50	10 16	22 17	27 55	Δ 24 f
19	W	Clocks go true	11 13	4 25 12	27 35	6 O f
20	H	with the Sun.	Morn.	16 14	25 52	Δ O 24
21	F	Athanasius.	0 33	28 27	22 53	* h f
22	S	Sun rise 5 18	1 49	10 Ω 54	18 51	Brisk winds
23	S	10 S. aft. Trin.	3 15	23 37	13 54	with thund
24	M	S. Bartholom.	D sets	6 m 40	8 13	hail, and
25	T	Sun set 6 36	6 a 46	19 57	2 1	rain.
26	W	Cl. flow 2 m.	6 55	3 32	4 S 22	
27	H	Dog-days end	7 6	17 21	10 37	Now more
28	F	Sun rise 5 30	7 17	1 m 22	16 28	calm, fair,
29	S	D. J. Bapt.	7 39	15 28	21 26	and settled
30	S	11 S. aft. Trin.	8 11	29 39	25 10	weather.
31	M	Sun set 6 24	8 54	13 f 50	27 25	D Perig.

ing.	Saturn	Jupiter	Mars	Venus
g.	Decl.	Decl.	Decl.	Decl.
122	46 S 23 8	45 23 S 27 21	44 20 S 10 28	32 20 N 27
622	26 6 32 8	25 23 28 24	29 20 53	40 40 19 40
1122	58 6 43 8	10 23 29 27	20 21 35	10 48 18 17
1623	19 6 54 8	2 23 30 0	16 22 14	16 57 16 39
2123	48 7 57	56 23 31 3	18 22 53	23 6 14 52
2624	18 7 17 7	57 33 31 6	27 23 27	29 17 12 52

Sun's	Merc.	Observations.	
Place.	o m'		
12 19 16	14 27	Venus rises 39 m. after 2 in the morn.	
A 20 13	14 50	Lyræ south at 9 at night.	
14 21 11	15 8		
15 22 9	15 21	Day 14 h. 30 m. long, decr. 2 h. 6 m.	
16 23 6	15 28	Mars sets 42 m. after 9 at night.	
17 24 4	15 31	♀ ad ♂ distant 9 m.	
18 25 2	15 32		
19 26 0	15 15	Markab south at 1 the morning.	
A 26 58	15 0	The Moon eclipsed invisible.	
21 27 55	14 40		
22 28 53	14 13	Saturn sets 47 m. after 8 evening.	
23 29 51	13 41	Sun enters ♍ at 3 h. 38 m. afternoon.	
24 0 m 49	13 2	Day 14 h. long, decreased 2 h. 36 m.	
25 1 47	12 19	♃ ad ♍ dist. 37 m. ♂ ad ♎ dist. 9'	
26 2 45	11 33	<i>In lofty Pride, not long since Lewis sat,</i>	
A 3 43	10 42	<i>Mourns now, and is become disconsolate.</i>	
28 4 41	9 48	<i>The Frenchman's Glory now begins to fade;</i>	
29 5 39	8 51	<i>Their Country now the Seat of War is made.</i>	
30 6 37	7 52	<i>Now a new Scene of Happiness appears,</i>	
31 7 35	6 53	<i>A long successive Train of better Years.</i>	
1 8 34	5 57	Day 13 h. 36 m. long, decr. 3 h. 6 m.	
2 9 32	5 3	Venus rises 37 m. after 3 in the morn.	
A 10 30	4 15	Venus with Cor ♄ in the morning.	
4 11 28	3 31	The Sun eclipsed invisible.	
5 12 26	2 56		
6 13 25	2 23	Saturn sets at 8 at night, and Mars at 9.	
7 14 23	2 0		
8 15 21	1 47	Day 13 h. long, decreased 3 h. 36 m.	
9 16 20	1 40	Fomahant south 33 m. after 11 at night,	
A 17 18	1 D 42	and sets at 3 in the morning.	
11 18 17	1 55		

September, 1747.

Days
Sou. Jupiter

Full Moon the 7th day, at 8 at night.
Last Quarter the 15th, at 6 at night.
New Moon the 23d, at 9 in the morn.
First Quarter the 30th day, at 3 in morn.

1 7 2 13 10
6 6 57 10
11 6 40 10
16 6 24 10
21 6 7 9
26 5 50 9

M.D. W.D. Holy Days, Moon Moon's Moon's Aspects
O rises & sets. sets. Place. Declin. Weather.

1	T	St. S.	9 a 56	28 f c	27	56	Fair, pleasant
2	W	London burnt	11 23	12 v 8	26	34	Δ 2 ♀
3	T	A. D. 1666.	Morn.	26 11	23	31	and serene
4	F	Sun rise 5 44	0 53	10 m 8	19	7	air.
5	S	Sun set 6 14	2 6	23 57	13	40	Frequent
6	S	12 S. aft. Trin.	3 52	7 X 35	7	45	showers.
7	M		D rises	21 1	1	32	Δ 2 ♀. □ 8
8	T	St. W. D.	6 a 0	4 v 12	4 N	40	Very high
9	W	Sun rise 5 54	6 16	17 6	10	30	winds and
10	T	Cl. flow 7 m.	6 27	29 46	15	42	some flying
11	F	Day br. at 4	6 40	12 8 10	20	20	showers.
12	S	Sun rise at 6	7 9	24 21	23	54	
13	S	13 S. aft. Trin.	7 35	6 II 22	26	25	□ 8 ♀
14	M	Holy Rood.	8 10	18 16	27	44	D Apog.
15	T	Sun set 5 54	9 8	0 m 7	27	46	Frosty morn-
16	W	Ember Week	10 19	12 1	26	30	ings, and
17	T	Cl. flow 10 m.	11 42	24 3	24	0	fair.
18	F		Morn.	6 Ω 15	19	23	Moderate
19	S	Sun rise 6 14	1 0	18 45	15	47	good weather
20	S	14 S. aft. Trin.	2 10	1 m 37	10	23	and fair.
21	M	St. Matthew.	3 38	14 49	4	24	□ 0 2
22	T	Sun set 5 40	5 0	28 26	1 S	57	High winds,
23	W	Day br. 4 25.	D sets	12 = 24	8	23	6 ♀ 8 dist.
24	T	Cl. flow 12 m.	5 a 32	26 40	14	19	and many
25	F	Sun rise 6 26	5 53	11 m 7	19	54	showers.
26	S	Cyprian.	6 20	25 40	24	11	□ 2 ♀
27	S	15 S. aft. Trin.	7 2	10 f 9	25	52	D Perig.
28	M	Sun rise 6 30	7 59	24 34	27	51	□ 2 ♀
29	T	St. Michael.	9 21	8 v 48	26	54	Fine mild
30	W	Sun set 5 23	10 45	12 51	24	12	rain.

October, 1747.

Full Moon the 7th day, at 10 in the morn.
 Last Quarter the 15th day, at 2 afternoon.
 New Moon the 22d day, at 8 at night.
 First Quarter the 29th day, at 11 morn.

Days	Jup
1	5a 34
6	5 18
11	5 2
16	4 47
21	4 30
26	4 14

Holy-Days, rises & sets.	Moon sets.	Moon's Place.	D's De South	Aspects Weather
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1 R Remigius.	Morn.	6 $\approx$ 40	20 S 11	
2 F Sun rise 6 41	0 15	20 18	15 6	6 0 8
3 S Sun set 5 17	1 37	3 $\times$ 44	9 23	Brisk Wind
4 S 16 S. aft. Trin.	3 4	16 58	3 22	and very c
5 M	4 22	0 $\vee$ 1	2 N 44	with frosty
6 T Cl. flow 15 m.	5 41	12 53	8 36	mornings.
7 W Day br. 4 54	D rises	25 33	14 1	6 1/2 8
8 T Sun rise 6 53	4 a 56	8 8 1	18 48	Dark ob
9 F Dennis.	5 17	20 18	22 41	weather.
10 S Sun set 5 3	5 44	2 II 25	25 36	6 0 1/2
11 S 17 S. aft. Trin.	6 21	14 23	27 16	K. Geo. II
12 M	7 16	26 16	27 35	D Apog.
13 T Cl. flow 16 m.	8 17	8 $\approx$ 5	26 48	* 1/2 9
14 W Sun rise 7 5	9 26	19 58	24 49	Cold, fog
15 T Sun set 4 53	10 40	1 Ω 58	21 38	* 1/4 8. *
16 F Day br. 5 8	11 59	14 9	17 25	weather, a
17 S	Morn.	26 37	12 23	6 1/4 8.
18 S St. Luke.	1 16	9 $\approx$ 27	16 41	much rain
19 M Sun rise 7 15	2 37	22 43	0 S 35	Turbulent
20 T Sun set 4 53	4 1	6 $\approx$ 26	5 47	winds, an
21 W Ursula.	5 28	20 37	12 0	frequent
22 T Ps. Orange b.	D sets	5 η 11	17 48	showers of
23 F Term begins.	4 a 22	20 1	22 35	
24 S Cl. flow 16 m.	5 0	4 $\dagger$ 59	25 59	* 1/4 9
25 S 19 S. aft. Trin.	5 51	19 56	27 35	Crispin.
26 M Sun rise 7 28	7 2	4 $\vee$ 43	27 8	D Perig.
27 T Pr. H.-Fred. b.	8 34	19 9	24 52	Frosty air
28 W S. Sim. & Jude.	10 3	3 $\approx$ 18	21 4	and cloudy
29 T Sun set 4 26	11 30	17 7	16 11	
30 F K. Geo. II. b.	Morn.	0 $\times$ 36	10 36	Very cold
31 S	0 56	13 48	4 40	winds.

Jup
bou.
34
18
3
47
30
14
be
each

Day	Saturn		Jupiter		Mars		Venus	
	Δ	Dec.	Δ	Dec.	Δ	Dec.	Δ	Dec.
1	28	27	8	47	10	11	28	S 24
6	28	56	9	0	10	46	23	22
11	29	32	9	13	11	26	23	18
16	om	10	9	26	11	59	23	15
21	0	44	9	38	12	56	23	11
26	1	12	9	49	13	45	23	6
31	2	48	9	59	13	34	23	0
36	3	18	9	9	14	24	25	4
41	4	25	9	18	14	15	26	8
46	5	35	9	26	14	6	27	12
51	6	46	9	33	14	15	28	16
56	7	57	9	39	14	24	29	20
61	8	68	9	44	14	33	30	24
66	9	79	9	49	14	41	31	28
71	10	89	9	54	14	49	32	32
76	11	99	9	59	14	57	33	36
81	12	10	9	64	14	65	34	40
86	13	20	9	69	14	73	35	44
91	14	30	9	74	14	81	36	48
96	15	40	9	79	14	89	37	52
101	16	50	9	84	14	97	38	56
106	17	60	9	89	14	105	39	60
111	18	70	9	94	14	113	40	64
116	19	80	9	99	14	121	41	68
121	20	90	9	104	14	129	42	72
126	21	100	9	109	14	137	43	76
131	22	110	9	114	14	145	44	80
136	23	120	9	119	14	153	45	84
141	24	130	9	124	14	161	46	88
146	25	140	9	129	14	169	47	92
151	26	150	9	134	14	177	48	96
156	27	160	9	139	14	185	49	100
161	28	170	9	144	14	193	50	104
166	29	180	9	149	14	201	51	108
171	30	190	9	154	14	209	52	112
176	31	200	9	159	14	217	53	116
181	32	210	9	164	14	225	54	120
186	33	220	9	169	14	233	55	124
191	34	230	9	174	14	241	56	128
196	35	240	9	179	14	249	57	132
201	36	250	9	184	14	257	58	136
206	37	260	9	189	14	265	59	140
211	38	270	9	194	14	273	60	144
216	39	280	9	199	14	281	61	148
221	40	290	9	204	14	289	62	152
226	41	300	9	209	14	297	63	156
231	42	310	9	214	14	305	64	160
236	43	320	9	219	14	313	65	164
241	44	330	9	224	14	321	66	168
246	45	340	9	229	14	329	67	172
251	46	350	9	234	14	337	68	176
256	47	360	9	239	14	345	69	180
261	48	370	9	244	14	353	70	184
266	49	380	9	249	14	361	71	188
271	50	390	9	254	14	369	72	192
276	51	400	9	259	14	377	73	196
281	52	410	9	264	14	385	74	200
286	53	420	9	269	14	393	75	204
291	54	430	9	274	14	401	76	208
296	55	440	9	279	14	409	77	212
301	56	450	9	284	14	417	78	216
306	57	460	9	289	14	425	79	220
311	58	470	9	294	14	433	80	224
316	59	480	9	299	14	441	81	228
321	60	490	9	304	14	449	82	232
326	61	500	9	309	14	457	83	236
331	62	510	9	314	14	465	84	240
336	63	520	9	319	14	473	85	244
341	64	530	9	324	14	481	86	248
346	65	540	9	329	14	489	87	252
351	66	550	9	334	14	497	88	256
356	67	560	9	339	14	505	89	260
361	68	570	9	344	14	513	90	264
366	69	580	9	349	14	521	91	268
371	70	590	9	354	14	529	92	272
376	71	600	9	359	14	537	93	276
381	72	610	9	364	14	545	94	280
386	73	620	9	369	14	553	95	284
391	74	630	9	374	14	561	96	288
396	75	640	9	379	14	569	97	292
401	76	650	9	384	14	577	98	296
406	77	660	9	389	14	585	99	300
411	78	670	9	394	14	593	100	304
416	79	680	9	399	14	601	101	308
421	80	690	9	404	14	609	102	312
426	81	700	9	409	14	617	103	316
431	82	710	9	414	14	625	104	320
436	83	720	9	419	14	633	105	324
441	84	730	9	424	14	641	106	328
446	85	740	9	429	14	649	107	332
451	86	750	9	434	14	657	108	336
456	87	760	9	439	14	665	109	340
461	88	770	9	444	14	673	110	344
466	89	780	9	449	14	681	111	348
471	90	790	9	454	14	689	112	352
476	91	800	9	459	14	697	113	356
481	92	810	9	464	14	705	114	360
486	93	820	9	469	14	713	115	364
491	94	830	9	474	14	721	116	368
496	95	840	9	479	14	729	117	372
501	96	850	9	484	14	737	118	376
506	97	860	9	489	14	745	119	380
511	98	870	9	494	14	753	120	384
516	99	880	9	499	14	761	121	388
521	100	890	9	504	14	769	122	392
526	101	900	9	509	14	777	123	396
531	102	910	9	514	14	785	124	400
536	103	920	9	519	14	793	125	404
541	104	930	9	524	14	801	126	408
546	105	940	9	529	14	809	127	412
551	106	950	9	534	14	817	128	416
556	107	960	9	539	14	825	129	420
561	108	970	9	544	14	833	130	424
566	109	980	9	549	14	841	131	428
571	110	990	9	554	14	849	132	432
576	111	1000	9	559	14	857	133	436
581	112	1010	9	564	14	865	134	440
586	113	1020	9	569	14	873	135	444
591	114	1030	9	574	14	881	136	448
596	115	1040	9	579	14	889	137	452
601	116	1050	9	584	14	897	138	456
606	117	1060	9	589	14	905	139	460
611	118	1070	9	594	14	913	140	464
616	119	1080	9	599	14	921	141	468
621	120	1090	9	604	14	929	142	472
626	121	1100	9	609	14	937	143	476
631	122	1110	9	614	14	945	144	480
636	123	1120	9	619	14	953	145	484
641	124	1130	9	624	14	961	146	488
646	125	1140	9	629	14	969	147	492
651	126	1150	9	634	14	977	148	496
656	127	1160	9	639	14	985	149	500
661	128	1170	9	644	14	993	150	504
666	129	1180	9	649	14	1001	151	508
671	130	1190	9	654	14	1009	152	512
676	131	1200	9	659	14	1017	153	516
681	132	1210	9	664	14	1025	154	520
686	133	1220	9	669	14	1033	155	524
691	134	1230	9	674	14	1041	156	528
696	135	1240	9	679	14	1049	157	532
701	136	1250	9	684	14	1057	158	536
706	137	1260	9	689	14	1065	159	540
711	138	1270	9	694	14	1073	160	544
716	139	1280	9	699	14	1081	161	548
721	140	1290	9	704	14	1089	162	552
726	141	1300	9	709	14	1097	163	556
731	142	1310	9	714	14	1105	164	560
736	143	1320	9	719	14	1113	165	564
741	144	1330	9	724	14	1121	166	568
746	145	1340	9	729	14	1129	167	572
751	146	1350	9	734	14	1137	168	576
756	147	1360	9	739	14	1145	169	580
761	148	1370	9	744	14	1153	170	584
766	149	1380	9	749	14	1161	171	588
771	150	1390	9	754	14	1169	172	592
776	151	1400	9	759	14	1177	173	596
781	152	1410	9	764	14	1185	174	600
786	153	1420	9	769	14	1193	175	604
791	154	1430	9	774	14	1201	176	608
796	155	1440	9	779	14	1209	177	612
801	156	1450	9	784	14	1217	178	616
806	157	1460	9	789	14	1225	179	620
811	158	1470	9	794	14	1233	180	624
816	159	1480	9	799	14	1241	181	628
821	160	1490	9	804	14			

November, 1747.

Full Moon the 6th day, at 3 in the morn.
 Last Quarter the 14th day, at 8 in morn.
 New Moon the 21st day, at 6 in morn.
 First Quarter the 27th day, at 11 at night.

Days	June
1	3 ^a 54
6	3 38
11	3 21
16	3 4
21	2 48
26	2 30

M.D.	W.D.	Holy Days, ☉ rises & sets.	Moon sets.	Moon's Place.	☽'s De. North	Aspects Weather
1	S	All Saints.	2 m 14	26 ♄ 46	1 21	
2	M	All Souls.	3 31	9 ♄ 32	7 11	* ♂ ♀
3	T	Sun rise 7 41	4 48	22 5	12 39	Dark, cloud
4	W	Sun set 4 16	6 5	4 8 30	17 34	air, and very
5	Th	Powder-Plot.	7 21	16 45	21 37	cold.
6	F	Cl. flow 15 m.	☽ rises	28 52	24 45	Rain, or
7	S	Day br. 5 45	4 a 19	10 ♀ 53	26 47	fleet.
8	S	21 S. aft. Trin.	5 4	22 48	27 34	☽ Apog.
9	M	Sun rise 7 52	6 6	4 ♄ 39	27 0	Audible win
10	T	Sun set 4 7	7 9	16 29	25 17	and rough t
11	W	Martinmas.	8 23	28 21	22 22	air.
12	Th		9 39	10 ♀ 29	18 33	
13	F	Cl. flow 13 m.	10 54	22 29	13 53	Cloudy air
14	S	Pr. W-Hen. b.	Morn.	4 ♄ 54	8 32	☐ ♀ ♂
15	S	22 S. aft. Trin.	0 15	17 39	2 44	much wet
16	M	Sun rise at 8	1 28	0 ♄ 52	3 S 23	* ☉ ♂
17	T	and sets at 4	2 50	14 31	9 31	weather.
18	W	Day br. 5 56	4 13	28 41	15 23	Lofty winds
19	Th	Prs. Wales b.	5 48	13 17	20 35	and frequen
20	F		7 15	28 16	24 37	showers of r
21	S	Cl. flow 10 m.	☽ sets	13 ♄ 26	27 1	☽ Perig.
22	S	23 S. aft. Trin.	4 a 36	28 41	25 35	Cecilia.
23	M	Sun rise 8 10	6 5	13 ♄ 47	25 43	Flying cloud
24	T	Sun set 3 49	7 36	28 34	22 18	with wind a
25	W	Catherine.	9 5	12 ♄ 58	17 32	rain.
26	Th	Day br. at 6.	10 33	26 58	11 57	
27	F	Cl. flow 8 m.	11 53	10 ♄ 31	5 57	Fair and p
28	S	Term ends.	Morn.	23 42	0 N 8	fant, but fro
29	S	Advent-Sund.	0 56	6 ♄ 34	6 3	air.
30	M	St. Andrew.	2 24	19 9	11 36	♂ ♀ ♂

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Day	Saturn		Jupiter		Mars		Venus	
	m	Dec.	h	Dec.	h	Decl.	m	Decl.
12	310	S 314	48	22S 59	23	36	13	123
62	38	10 15	15	43	22	54	27	22 22
113	12	10 27	16	40	22	47	1	10 21
163	46	10 38	17	38	22	40	4	58 20
214	17	10 49	18	40	22	32	8	46 19
264	48	10 59	19	44	22	23	12	36 18
							20	24 22
							24	22 23
								55

Sun's Place.	Merc.
°	°

Observations.

19m 46	6	34	Mars sets 16 m. after 8 at night.
20	46	8	0
21	47	9	26 Venus sets 30 m. after 4 in the morning
22	47	10	51 Day 8 h. 30 m. long, decr. 8 h. 6 m.
23	48	12	15
24	49	13	37 The D with the 7 *'s before Sun rise.
25	49	14	59
26	50	16	20 Saturn rises 20 m. after 5 in the morning.
27	50	17	41 The Pole Star south at 9 at night.
28	51	19	1
29	52	20	18 The D eclipses : ☿ in 4° ♍, at 9 at night.
30	53	21	34 Mirach south at 9 at night.
1	54	22	46 Venus sets 18 min. after 4 in the even
2	54	23	58 ing.
3	55	25	8 Day 8 h. long, decreased 8 h. 36 m.
4	56	26	15
5	57	27	18 Max. Elong. ☿ vesp. dist. a' ☉ 21° 24'.
6	58	28	17 Mercury sets 1 hour after the Sun.
7	59	29	12
9	0	0	0 Old Chronus now does with much Craft display,
10	1	0	40 At fiery Mars, a treacherous quartile Ray ;
11	2	1	15 All Men impatient are; and want to see
12	2	1	43 What the Event of such dire Aspects be :
13	3	2	4 Some great Design in hand, England beware,
14	4	2	16 I fear great Storms too, and distemper'd Air.
15	5	2	17 Mars sets 22 m. after 8 at night.
16	7	2	7
17	8	1	44 Venus sets 18 m. after 4 in the evening
18	9	1	9 Day 7 h. 30 m. long, decr. 9 h. 6 m.
19	10	0	24

December, 1747.

Days
Sou. Jupit

Full Moon the 5th day, at 10 at night.

Last Quarter the 13th day, at 11 at night.

New Moon the 20th day, at 4 in the even.

First Quarter the 27th day, at 2 afternoon.

M.D.	Holy-Days, O rises & sets.	Moon rises.	Moon's Place.	D's De. North.	Aspects Weather
1 T	Cl. flow 6 m.	3m 44	18 33	16 36	Cold wind,
2 W	Sun rise 8 16	4 58	13 46	20 47	with snow a
3 T	Sun set 3 43	6 10	25 50	24 6	flect.
4 F	Barbara.	7 21	7 II 50	26 23	* h ♀
5 S	Day br. 6 6	D rises	19 44	27 26	♂ ☉ ♀. D A
6 S	2 S. in Advent.	3 a 47	1 36	27 14	Nicholas.
7 M	Prs. Den. bo.	4 50	13 28	25 45	* ♂ ♀
8 T	Conc. M. D.	5 59	25 20	23 5	Frequent the
9 W	Sun rise 8 18	7 14	7 Ω 15	19 25	ers of rain,
10 T	Sun set 3 42	8 27	19 19	14 57	and unsettled
11 F	Clock go with	9 40	1 m 31	9 39	weather.
12 S	the Sun.	11 0	13 59	4 13	
13 S	3 S. in Advent.	Morn.	26 43	1 S 29	Lucy.
14 M		0 18	9 49	7 37	Very ruggee
15 T	Sun rise 8 18	1 40	23 21	13 24	and sharp fro
16 W	Ember Week.	3 4	7 m 20	18 46	D Sapien
17 T	Sun set 3 43	4 35	21 46	23 10	* ☉ h
18 F	Christopher.	6 4	6 f 36	26 13	weather.
19 S	Clo. fast 3 m.	7 26	21 41	27 30	D Perig.
20 S	4 S. in Advent.	D sets	6 56	26 41	♂ ♀
21 M	St. Thomas.	4 a 46	22 7	23 55	Wind and
22 T	Day br. 6 5	6 20	7 5	19 28	rain.
23 W	Sun rise 8 15	7 51	21 40	13 57	Stormy wind
24 T	Sun set 3 46	9 18	5 52	7 51	and showers.
25 F	Christm. Day.	10 39	19 37	1 35	
26 S	St. Stephen.	11 59	2 54	4 N 33	Cold frosty a
27 S	St. John.	Morn.	15 51	10 18	and snow.
28 M	H. Innocents.	1 17	28 25	15 38	Δ h ♂
29 T	Cl. fast 8 m.	2 32	10 45	19 56	Overcast and
30 W	Prs. Eliz. bo.	3 46	22 53	23 27	□ h ♀
31 T	Sylvester.	5 0	4 II 51	25 59	very cloudy.

Jupit on.	g.	h.	Saturn			Jupiter			Mars			Venus		
			m	Decl.	h	m	Decl.	h	m	Decl.	h	m	Decl.	h
12	1	5	18	11 S	8	20	48	22 S	14	16	26	17	5	0
56	6	5	46	11	27	21	54	24	4	20	16	15	53	6
38	11	6	12	11	25	23	2	21	53	24	7	14	35	13
20	16	6	37	11	33	24	10	21	40	27	58	12	42	19
3	21	7	1	11	38	25	0	21	29	1	49	11	47	25
46	26	7	21	11	44	26	30	21	16	5	39	10	20	2

Sun's Place.		Merc. ° f		Observations.	
20	f	11	29	28	Saturn rises 55 m. after 3 in the morn-
21	12	28	20		ing.
22	13	27	6		Aldebaran south at 11 at night, and sets
23	14	25	47		2 hours before Sun rise.
24	15	24	25		The D in Apogee in 28° II, and in 8,
25	16	23	1		a good time to observe her Diameter.
26	18	21	40		Mars sets 24 m. after 8 at night.
27	19	20	23		
28	20	19	16		Algol south at 9 at night.
29	21	18	17		Days decreased 9 h. 12 m.
30	22	17	26		Shortest Day at Stamford, 7 h. 24 m.
1	23	16	47		Mercury rises 1 hour and half before the
2	24	16	19		Sun.
3	26	16	2		Venus sets 35 m. after 4 in the evening.
4	27	15	54		
5	28	15	D 55		Cambridge Term ends.
6	29	16	5		
7	31	16	24		Seven Stars south at 9 at night.
8	32	16	50		Sun in Perigee, at 9 h. 29 m. in morn.
9	33	17	23		
January 1748, New Stile.					
11	35	18	43		Saturn south 35 m. after 7 in the morn.
12	36	19	31		
13	38	20	24		May Englishmen unite, may Diford cease,
14	39	21	21		And raging Tumults center all in Peace;
15	40	22	22		May GEORGE still triumph, and Rebels now obey,
16	41	23	26		And Britons long be happy in his Sway;
17	42	24	33		For where the Laws with open Justice rule,
18	44	25	51		He that rebels must be both Knave and Fool.
19	45	26	53		The D with the 7 Stars at 6 in the even.
20	46	28	5		

A TABLE of the Rising, Southing, and Setting
the *Pleiades*, or Seven Stars, for every Fifth
in the Year, of excellent Use to find the Hour
the Night.

Months & Days.	Rise.	South.	Seis.	Months & Days.	Rise.	South.
H. M. H. M. H. M.				H. M. H. M. H. M.		
Jan. {	1 11 M. 39	7 A. 56	4 M. 13	Jul. {	1 11 A. 49	8 M. 6
	6 11 17	7 34	3 51		6 11 29	7 45
	11 10 56	7 13	3 30		11 11 9	7 25
	16 10 35	6 52	3 9		16 10 49	7 6
	21 10 15	6 32	2 49		21 10 30	6 47
	26 9 55	6 12	2 29		26 10 10	6 27
Feb. {	1 9 31	5 48	2 5	Aug. {	1 9 48	6 5
	6 9 12	5 29	1 46		6 9 29	5 46
	11 8 52	5 9	1 26		11 9 10	5 27
	16 8 34	4 51	1 8		16 8 52	5 9
	21 8 15	4 32	12 A. 49		21 8 34	4 51
	26 7 56	4 13	12 30		26 8 16	4 33
Mar. {	1 7 45	4 2	12 19	Sep. {	1 7 54	4 11
	6 7 27	3 44	12 1		6 7 36	3 53
	11 6 7	3 24	11 41		11 6 18	3 35
	16 6 49	3 6	11 23		16 6 58	3 16
	21 6 31	2 48	11 5		21 6 40	2 57
	26 6 13	2 30	10 47		26 6 21	2 39
Apr. {	1 5 51	2 8	0 25	Oct. {	1 6 4	2 21
	6 5 33	1 50	0 7		6 5 45	2 2
	11 5 14	1 31	9 48		11 5 26	1 43
	16 4 55	1 12	9 29		16 5 7	1 24
	21 4 37	0 54	9 11		21 4 48	1 5
	26 4 17	0 34	8 51		26 4 28	0 45
May {	1 3 58	0 15	8 32	Nov. {	1 4 4	0 21
	6 3 38	11 M. 55	8 12		6 3 43	0 A. 0
	11 3 18	11 35	7 52		11 3 23	11 49
	16 2 58	11 15	7 32		16 3 1	11 19
	21 2 38	10 55	7 12		21 2 40	10 57
	26 2 18	10 35	6 52		26 2 18	10 37
June {	1 1 54	10 11	6 28	Dec. {	1 1 56	10 13
	6 1 32	9 49	6 6		6 1 34	9 51
	11 1 12	9 29	5 46		11 1 12	9 29
	16 12 A. 51	9 8	5 25		16 0 M. 50	9 7
	21 12 30	8 47	5 4		21 0 28	8 45
	26 12 10	8 27	4 44		26 0 6	8 23

W I N G.

A

PROGNOSTICATION,

For the Year of our

LORD GOD, 1747.

Explanation of the Characters made use of in
this Almanack.

The Seven Planets
and Five Aspects.

♄ Saturn

♃ Jupiter

♂ Mars

☉ The Sun

♀ Venus

☿ Mercury

☾ The Moon

♌ Conjunction

♍ Sextile

☐ Square

△ Trine

♊ Opposition

The Twelve
Signs.

♈ Aries

♉ Taurus

♊ Gemini

♋ Cancer

♌ Leo

♍ Virgo

♎ Libra

♏ Scorpio

♐ Sagittary

♑ Capricorn

♒ Aquarius

♓ Pisces

LANDS Surveyed, and MAPS of the same curiously
drawn; Designs and Estimates for Buildings or Re-
pairs made and calculated; Artificers Work in-
spected and measur'd; also Timber and Pole-
Wood Survey'd, Valu'd, and Sold, by TYCHO
WING of *Pickworth* in the County of Rut-
land.

Wing 1747.

I. A Compendious Chronology of Memorab
Things since the Creation to this prese
Year.

A.P.J.	before Christ	
710	4004	The Creation of the World
1766	2948	Noah Born
2366	2348	Noah's Flood began
2481	2233	The Babylonian Monarchy established
2718	1996	Abraham born
2986	1728	Joseph sold into Egypt
3143	1571	Moses born
3223	1491	The Israelites Departure out of Egypt
3530	1184	Troy taken and destroy'd by the Greeks
3710	1004	Solomon's Temple built and dedicated
4126	588	Jerusalem and the Temple destroy'd
4176	538	Daniel delivered from the Den of Lions
4198	516	The Temple of Jerusalem rebuilt
4391	323	The Death of Alexander the Great
4710	4	The true Year of Christ's Birth
4714	0	The vulgar Year of Christ's Birth

A.D.

33	The Passion and Resurrection of Jesus Christ
70	Jerusalem and the Temple destroyed by Titus
100	St. John, the last of the Apostles, dies, Dec. 20.
313	Christianity triumphs under Constantine
476	Augustulus the last Roman Emperor deposed
606	The wicked Phocas makes Pope Boniface Head of the Church
608	Mahomet broaches his Imposture at Mecca
872	Italy and Rome plundered by the Saracens
1012	Swein King of Denmark conquers England
1066	William Duke of Normandy conquers England
1110	Arts and Sciences taught in Cambridge
1119	The first War between the French and English
1300	The Mariners Compass invented
1330	The Canaries discovered by an English Ship
1380	Gunpowder and the Use of Guns first found out
1453	Constantinople taken from the Christians

Wing 1747

	Years since.
The <i>Persians</i> conquer'd by <i>Tamerlane</i>	284
Rome plunder'd by the Duke of <i>Bourbon</i>	247
<i>Martin Luther</i> first disputed against Popery	230
England separated from the Church of <i>Rome</i>	211
The <i>Spanish Armado</i> defeated by the <i>English</i>	159
<i>Q. Eliz.</i> dies, <i>March 24</i> , and <i>K. James I.</i> began	144
Died of the Plague in <i>Lond.</i> in 2 Years 68,596	143
Gunpowder Treason, <i>Nov. 5.</i>	142
The New River Water brought to <i>London</i>	134
The excellent Sir <i>Walter Raleigh</i> beheaded	129
<i>K. James I.</i> died. <i>K. Charles I.</i> began, <i>Mar. 27.</i>	122
35,417 Persons died of the Plague in <i>London</i>	122
The cruel <i>Irish</i> Massacre began, <i>October 23.</i>	106
<i>Burleigh-house</i> storm'd by <i>Cromwel.</i> <i>July 24.</i>	104
<i>K. Charles I.</i> barbarously murdered, <i>Jan. 30.</i>	98
King <i>Charles II.</i> restored, <i>May 29.</i>	87
68,586 Persons died of the Plague in <i>London</i>	82
<i>London</i> burnt, and a great Sea-Fight with the <i>Dutch</i>	81
War declared against the <i>Dutch</i> , <i>March 17.</i>	75
A great Snow for 11 Days together	73
The Town of <i>Northampton</i> burnt, <i>Sept. 3.</i>	72
A great and splendid Comet appeared	67
The great Frost that held 13 Weeks	63
<i>K. Cha. II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began	62
The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	62
Seven Bishops sent to the <i>Tower</i> , <i>June 8.</i>	59
King <i>James II.</i> abdicated, <i>December 12.</i>	59
<i>K. William</i> and <i>Q. Mary</i> crown'd, <i>April 11.</i>	58
The <i>French</i> Fleet intirely defeated by the <i>English</i>	55
<i>Whitehall</i> Palace intirely destroyed by Fire, except the <i>Banqueting-House.</i>	49
<i>K. William</i> died, <i>March 8.</i> and <i>Q. Ann</i> began	45
<i>Q. Ann</i> proclaimed War against <i>France</i> , <i>May 4.</i>	45
A great and terrible Wind, <i>Nov. 26.</i> and <i>27.</i>	44
<i>Gibraltar</i> taken by the <i>English</i>	43
England and Scotland united, <i>May 1.</i>	40
<i>Sacheverel</i> preached his seditious Sermon, <i>Nov 5.</i>	38

Wing. 1747.

A.D.

- 1710 Riots and great Disturbances in *England*.
- 1714 Q. Ann died, *Aug. 1.* and K. George I. began
- 1715 A famous Total Eclipse of the ☉ in *England*,
April 22. in the Morning
- 1715 A Rebellion in *Scotl.* and *Lancashire* suppress'd
- 1716 A great Frost in the Beginning of this Year
- 1718 The *Spanish* Fleet destroy'd by Admiral Byng,
near *Syracuse*, *July 31.*
- 1719 A surprizing Meteor seen, *March 19,* at 8 at
Night
- Mr. *Flamsteed*, a celebrated Astronomer, died
December 31.
- 1727 The incomparable Sir *Isaac Newton* died *Mar. 20.*
- 1727 K. George I. died, *June 11,* and K. George II.
began
- 1734 The Prince and Princess of *Orange* married,
March 14.
- The Battle of the *Breeches* in *Italy*, *Sept. 4.*
- 1736 The Prince and Princess of *Wales* married, *Ap. 27.*
- 1739 Letters of Marque published in *London* against
the *Spaniards*, *July 16.*
- 1739 Adm. *Vernon* sails for the *West-Indies*, *July 20.*
- 1739 War declared by *Great Britain* against *Spain*,
October 23.
- 1739 *Porto-Bello* taken and destroy'd by Admiral
Vernon, *Nov. 22.*
- 1740 Fort *Chagre* taken and destroy'd, *March 24.*
- 1740 A very severe Frost from *Dec. 25.* to *Feb. 27.*
- 1742 A Comet appeared from *Feb. 18.* to *Mar. 14.*
- A Conjunction of ♄ and ♀ *Aug. 18th* in ♏
- 1743 A Splendid Comet appeared from *December 23.*
to *February 18.* in ♍.
- 1744 *March 4.* *France* declared War against *England*
and *March 31.* *England* declared War against
France.
- 1745 *Cape Breton* taken from the *French*, *June 1.*
- 1746 The *Scotch* Highland Rebels defeated by
Royal Highness the Duke of *Cumberland*,
Calloden, near *Inverness*, *April 16.*

Wing 1747.

An Account of the ECLIPSES, and
some other Astronomical Appearances, in
the Year 1747.

THERE will be six Eclipses this Year, viz. four of the
Sun, and two of the Moon, and but one of that Num-
ber will be visible to the Inhabitants of *Great Britain*, as ap-
pears from the following Account of them.

The first is of the Sun on *Thursday* the 29th Day of *Ja-
nuary*, near 3 in the Afternoon, but will not be seen in these
Islands by Reason of the Moon's great Southern Latitude
at Time.

The second is a visible and total Eclipse of the Moon, *Sa-
turday* the 14th Day of *February*, the Time of the greatest
Darkness being four Minutes after 5 in the Morning; the
Account of the Appearances as follows:

D. H. M.

apparent Time at <i>London</i> .	{	The Eclipse begins, <i>Feb.</i> 14,	3 13	} in the Morn.
		Beginning of total Darkness	4 13	
		End of total Darkness	5 55	
		End of the Eclipse	6 55	

Duration of total Darkness 1 Hour 42 Minutes; of the whole
Eclipse 3 Hours 42 Minutes.

In the Morning of this Eclipse, the Sun rises at *Stamford* 6
Minutes before the Eclipse is over; or the Moon sets 50
Minutes before the End of the Eclipse (at *London* 8 Min.)
At which Time, if the Air be clear, the Philosophers and
Astronomers will have a fine Opportunity to observe the Quan-
tity and Effect of the Horizontal Refraction.

The third is an Eclipse of the Sun, *Saturday* the 28th Day
of *February*, about Half an Hour after 5 in the Morning, there-
fore invisible in *England*; it will be but a very small Defect
at the greatest; at *Copenhagen* the Sun will be about half a
Digit eclipsed, at *Stockholm* two Digits and a Quarter, at
Amsterdam not quite one Digit.

The fourth is of the Sun, the 26th Day of *July*, at 9 in
the Morning, but invisible by reason of the Moon's great
Northern Latitude at that Time.

Wing 1747.

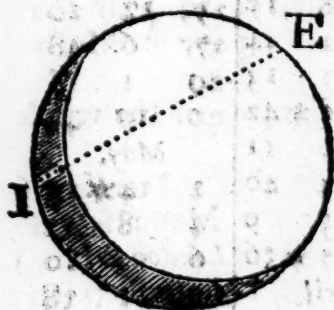
The fifth Eclipse is of the Moon, the 9th Day of *August* at 9 in the Morning, therefore invisible to the Inhabitants of *Europe*, but in *America* it will be total.

The last is an invisible Eclipse of the Sun, the 24th Day of *August*, at 9 at Night; the Center of the Penumbra in the Eclipse falls far beyond the Southern Pole, so that in the Southern Parts of *America* it will be but a small Defect.

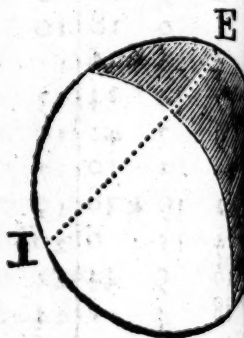
On *Saturday*, the 17th Day of *January*, 56 Minutes past in the Morning, the Moon is with that eminent fix'd Star *Regulus*, or *Cor Leonis*, her upper Limb being no more than 2' 20" Distance from the Star at that Time; this Conjunction is nearly in the nonagesima Degree.

On *Thursday* the 12th Day of *March*, about 9 at Night, the Moon will eclipse the said fix'd Star *Regulus*; the Star merges behind the Moon's dark Body, at 34 Minutes past at the Point *I*, in the Type below, and will again become visible at 34 Minutes past 9, at *E*, the Moon being near Meridian.

March 12th,



November 11th



The Moon makes a near Appulse to the same Star *Regulus* on the 2d Day of *June*, soon after 9 at Night; this will be a considerable Occultation in the Southern Parts of *America*.

The Moon is in Conjunction with the 7 Stars, on the 1st Day of *July*, at 11 at Night.

On the 23d Day of *August*, in the Morning before the Sun rises, *Venus* may be seen in Conjunction with *Cor Leonis* but more northerly about 42 Minutes.

The Moon is in Conjunction with the 7 Stars, nearly the Meridian, on the 9th Day of *October*, about Midnight, and again on the 6th Day of *November*, about an Hour before Sun-rise.

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On Wednesday the 11th Day of November, at 25 Minutes after 9 at Night, the Moon will eclipse a Star of the 7th Magnitude in 3° 55' & mark'd c S in Bayer's Catalogue. The Star will appear to emerge out of the dark Part of the Moon, 15 Minutes after 10 at Night, near the Moon's vertical Diameter (as is noted in the second Type preceding) so that the Star will be cover'd by the Moon 50 Minutes. This Occasion happening at so convenient Time of Night for Observation, and at a sufficient Height above the Horizontal Horizon, was the Occasion of my taking Notice of it; tho' the Star itself is so small, that the Immersion can scarcely be observed without a good Telescope.

A Table of the Eclipses of Jupiter's first Satellite, for the Year 1747.

N.B. Those marked with a * will be visible in England.

Immersions.			Immersions.			Immersions.			Immersions.		
January.			February.			March.			April.		
D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
2	5	51	8	9	42	17	13	47	23	17	51
4	0	18	10	4	11	19	8	15	25	12	20
5	18	*46	11	22	40	21	2	44	27	6	48
7	14	14	13	17	*8	22	21	13	29	1	16
9	7	42	15	1	37	24	15	*42	30	19	45
11	2	10	17	6	5	26	10	11	May.		
12	19	*38	19	0	34	28	4	40	2	14	*18
14	15	6	20	19	3	29	23	9	4	8	42
16	9	34	22	13	32	31	17	*36	6	3	10
18	4	2	24	8	1	April.			7	21	38
19	22	31	26	2	29	2	12	7	9	16	*7
21	16	59	27	20	58	4	6	35	11	10	35
23	11	27	March.			6	1	4	13	5	3
25	5	55	1	15	27	7	19	33	14	23	32
27	0	24	3	9	56	9	14	*2	16	18	0
28	18	*51	5	4	24	11	8	31	18	12	*38
30	13	20	6	22	54	13	2	59	20	6	57
February.			8	17	*23	14	21	28	22	1	25
1	7	49	10	12	2	16	15	57	23	19	54
3	2	17	12	6	21	18	10	25	25	14	*22
4	20	46	14	0	50	20	4	54	27	8	50
6	15	13	15	19	18	21	23	22	29	3	18
			C 4						Immer-		

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Immersion.			Emerfions.			Emerfions.			Emerfions.		
May.			July			September.			D. H. M.		
D.	H.	M.	D.	H.	M.	D.	H.	M.	October.		
30	21	46	17	18	47	7	2	52	30	5*	26
June.			19	13*	16	8	21	21	31	23	55
1	16	14	21	7*	34	10	15	51	November.		
3	10*	43	23	2	13	12	10*	20	2	18	23
5	5	11	24	20	41	14	4	50	4	12	52
6	23	39	26	15	10	15	23	19	6	7	20
8	18	7	28	9*	39	17	17	48	8	1	48
10	12*	35	30	4	8	19	12	18	9	20	17
12	7	4	31	22	38	21	6*	47	11	14	45
14	1	32	August.			23	1	17	13	9	13
15	20	0	2	17	7	24	19	46	15	3	42
17	14*	28	4	11*	36	26	14	15	16	22	11
19	8	56	6	6	5	28	8*	44	18	16	39
21	3	24	8	0	34	30	3	13	20	11	7
22	21	53	9	19	3	October.			22	5*	36
23	8	24	11	13	33	1	21	42	24	0	4
Emerfions.			13	8*	2	3	16	11	25	18	32
24	18	35	15	2	31	5	10	41	27	13	0
26	13	4	16	21	0	7	5	10	29	7	28
28	7	33	18	15	29	8	23	39	December.		
30	2	1	20	9*	58	10	18	8	1	1	56
July.			22	4	27	12	12	37	2	20	24
1	20	30	23	22	57	14	7*	6	4	14	52
3	14	59	25	17	26	16	1	35	6	9	20
5	9*	27	27	11	55	17	10	5	8	3	47
7	3	56	29	6*	25	19	14	34	9	22	15
8	22	24	31	0	54	21	9	3	11	16	43
10	16	53	September.			23	3	32	13	11	10
12	11*	21	1	19	24	24	22	1	Jupiter near the Sun.		
14	5	50	3	13	53	26	16	29			
16	0	19	5	8*	22	28	10	58			

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ABLE for converting Hours and Minutes of Time into Degrees and Minutes of the Equator.

Deg.	Time. = °	Time. = °	Time. = M.	Time. = M.
Min.	1 = 0 15	Min. 8 = 2 0	Sec. 4 = 1	Sec. 32 = 8
15	2 = 0 30	9 = 2 15	8 = 2	36 = 9
30	3 = 0 45	10 = 2 30	12 = 3	40 = 10
45	4 = 1 0	20 = 5 0	16 = 4	44 = 11
60	5 = 1 15	30 = 7 30	20 = 5	48 = 12
75	6 = 1 30	40 = 10 0	24 = 6	52 = 13
90	7 = 1 45	50 = 12 30	28 = 7	56 = 14
&c.				

Eclipses of the rest of $\mathcal{U}$'s *Satellites* visible under the Meridian of London or near it

January.				June.				October.			
H.	M.	Satell.		D.	H.	M.	Satell.	D.	H.	M.	Satell.
17	35	3 E.		2	14	14	3 I.	6	6	46	2 E.
18	25	3 I.		14	9	53	2 I.	26	7	26	4 I.
February.				21	12	27	2 I.	31	5	55	3 E.
16	23	2 I.		July.				November.			
March.				1	9	22	3 E.	7	6	24	3 I.
17	27	3 F.		8	13	19	3 E.	7	6	32	2 E.
16	55	4 E.		9	9	51	2 E.	12	6	48	4 E.
16	3	2 I.		16	12	26	2 E.				
April.				August.				Note			
13	30	3 E.		10	9	37	2 E.	Under the Word <i>Satell.</i> the Number shews the <i>Satellite</i> Eclipsed, and the Letters I. or E. if an Immersion or E- mersion.			
13	16	2 I.		13	9	24	3 E.				
14	16	3 I.		20	7	40	4 I.				
15	51	2 I.		20	10	1	3 I.				
May.				September.							
12	53	2 I.		4	6	51	2 E.				
15	28	2 I.		11	9	31	2 E.				
13	23	4 I.		25	6	18	3 I.				

Use of this (and the preceding) Table of the Eclipses of $\mathcal{U}$'s *Satellites*, in finding the Longitude of Places, or Difference of any Meridian from that of London. To serve the exact apparent Time of any Emerision or Immersion of any of *Jupiter's Satellites*, compare that Time with the calculated Time of the same *Satellite* in these Tables, the Difference between these Times is the Difference of Longitude.

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gitude required, or the Difference between the Meridian of London, and the Meridian of Observation.

Note; If the Time observed contains more Hours and Minutes than the calculated Time, the Meridian of Observation is so much to the East of the Meridian of London, as the Difference of those Times; otherwise to the West thereof. Which Times, or Difference of Meridians, may be reduced into Degrees of the Equator by the preceding Table, in the Eclipses of *Jupiter's* first *Satellite*.

IV. Astral Observations.

IF, before I collect the various Astronomical Characters from which I propose to raise my Judgment concerning the Transactions and Accidents of this Year, I remind Readers of some former Predictions and Observations in this Almanack, and how exactly they have been verified; I shall not be censur'd as guilty of Vanity or Presumption, having no other View therein, but to restore (as much as I can) that Regard for this Science of Astrology, which Learned in former Ages justly conceived of it, and to exonerate myself from the ill-grounded Reflections of some (who may be thought) learned Gentlemen, who take a Pride to ridicule a Science which themselves have taken no Pains to comprehend.

But, because I would not be tedious, I will omit that memorable Prediction of a Famine and Pestilence in Poland 1737, and some others, which have been as exactly verified, and will go no farther back than the active Year 1739. When Hostilities began to run high between England and Spain, about the latter End of October that Year, the very Year when Great-Britain declared War against Spain, may be seen in these Lines:

*A heavy Doom's prepar'd for Spain,
Their utmost Hopes are all in vain:
The Execution-Day comes on;
They can't reverse a Sentence gone.*

And in the next Month, when Admiral Vernon began his War against Spain (which, as his Majesty's Declaration

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was on Account of the many unjust Seizures made, Depredations carried on by the Spaniards in the West-Indies, their great Cruelties and Barbarities exercised on his Subjects, and their ignominiously Insulting the British Flag) have the following Stanza:

*Peace makes a pleasant Sound, well understood;
But Discord better, if the Peace not good.*

*I am not of that Humour to prefer
The unjustest Peace before the justest War;
Admit, I'm rified, robb'd of all Relief,
Must I needs patch a Peace up with the Thief?*

Subject must not (expressly) declare War against his Countrymen, Enemies before his Sovereign; which being consider'd, also, that these Remarks were timed more than two Years before the Accidents they hinted at were to happen, unprejudic'd Readers will be convinced, that such Predictions are the Result of Art, and not of common Sagacity; for no Man, from mere Reasoning upon the present Posture of Affairs, unassisted by the Rules of Astrology, will venture to say what will be their Situation two or three Years hence: There are some other very significant Predictions in the latter End of that Year's Almanack which have been exactly and fully verified; but I am confin'd to Room, so cannot repeat them; yet (as the Credit of Art is concerned) I must entirely pass by in Silence the Notice which I there took of the Years 1741 and 42, in which some more than ordinary Events might be expected: And who can deny, but that the Years "Discord seem'd to be let loose upon Mankind; and to have fill'd every Part of the Globe with new Wars, Terrors and Distractions, and extraordinary Events?" Or have my Observations in the following Years been so remarkable? In July 1740, are these Lines:

What means that Northern Cloud that darks the Air?

Some great Design appears to be in Hand,

Puts Kingdoms, States, and Empires to a Stand.

In this Month a Conspiracy was discover'd in Russia, for which M. Wolinski was sentenc'd to have his Tongue cut out, his

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his Right Hand cut off, then to be broke alive upon a Wheel. Others were banished to *Siberia*, and before the end of the Year a sudden Revolution happened in that Empire. The *Swedes* this Year were greatly divided by a Faction; and the King of *Prussia* enter'd *Silesia* at the Head of 30,000 Men, contrary to all People's Expectations. The rest of the verified Predictions in that and the succeeding Years are too many to be remembered in this Place; I therefore content myself with saying, that I exactly point out at the Events of the Year 1745, three Years before its Commencement; a Year perhaps the most extraordinary that *Land* ever knew, when every good *British* Subject forgot private Animosities, smother'd all Discontents, and no Contentions were to be found amongst Parties, but who should be most forward to distinguish himself in his Country and Prince's Service, and repel the common Enemy. As to the Comets of 1742 and 1744, they have sufficiently verified my Observations of them, and also of *Manilius*, who wrote almost 2000 Years ago, and have shewn, that the same Comets have still the same Effects, viz.

*That God, in Pity to our mortal State,
Hangs out those Lights to shew approaching Fate;
They never idly blaze, but still presage
Some coming Mischief to th' unhappy Age;
They sudden Tumults and strange Arms declare,
And when base Treachery shall start up to War.
So faithless Scots that did of late rebel,
And tempt their Fate when the brave Gardner fell
When Nature seem'd at War, and Fire was burst
At Fire, and Ruin threatened the World.*

V. Of the four Quarters of the Year, and of the Position and Influence of the Planets there

THE Spring Quarter begins this Year on Monday the 1st Day of March, at 39 Minutes past 11 at Night, 29 Degrees of ♊ ascend, the ♄ is in 18 Degrees of ♈ exact Δ of δ in ♊ , and is at the same Time departing from the δ of ♊ , and applying to the $\square$ of ♋ in ♊ retrograde. ♅ is in 13 Deg. of ♈ , and ♆ in 10 Deg. of ♋ , being 10 each other, but ♆ is at the same Time in $\square$ of δ .

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and safe Condition, and able to triumph over all their Adversaries; and for that Year shall very rarely (if at all) receive any Interruption in their Hopes or Successes. Divers grievous Diseases are now regnant, hard to be cured (& in many Cases Cause of them occult) and sundry Nations round about will be sad Objects of our Pity and Compassion. We may remember, that it was upon a & of ♄, and ♄ in ♍, the unnatural and unprovoked Rebellion first broke forth; Proverb is. The burnt Child dreads the Fire; yet we see, such as have suck'd in rebellious Principles, do make it a Matter of Conscience to continue in their Errors. The Cat be a Cat still, and it behoves Authority to have a Care of its Claws.

*How dismal were your State, ye murmur'ing Race,
Had your own fatal Wishes taken Place?
Foe to your own, and to your Country's Ease?
And whom no Colour of Affairs can please:
Mistaken Politicks did you incense;
And some found Fault for want of honest Sense,
Some join'd the Rebels, for they knew not why;
Start any Game, and they'll pursue the Cry.*

At the very Commencement of this Year, ♄ and ♄ are in conjunction in the latter Part of ♋; never did there happen & of these two malevolent Planets, but as malevolent Effects did succeed, and that in several Parts of the World, as late Experience has abundantly verified; and, as this & happens in one of the most principal Signs of the Zodiac, so will the Effects thereof be the more powerful, and as sudden in Operation; it denotes such notable Accidents and Transactions, unexpected Commotions and Mutations as are not common; the Deposing of some, the Death of others, and the Extirpation of many. If we consider, that, during the Time of the Eclipses of this &, we are also under the Influence of the late Comets, particularly of the great Conjunction of ♄ and ♀ in Aug. 1744, we may the more certainly conclude, that God in his infinite Wisdom hath yet some notable Work to be done. Not (says Sir John Floyer) but intestine Wars, and Confusion in Asia and Europe, can deliver the Jews and Christians from present Oppressions and Cruelty, to a free Exercise of Religion. If so, one would be apt to think that Time is approaching.

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Of the Summer Quarter.

This Quarter begins on the 10th Day of June, at 10 Min. past Night, when 14 Deg. of α ascend, and 11 Deg. of γ are on the Meridian; the Δ is in 19 Deg. of γ departing from the East, and applying to the δ of α . Great and extraordinary Events are approaching in some Countries Eastward of England. *Captivitates, injurias, malorum licentiam, & alienius viri mortem*, says *Haly*. Men of desperate Fortitude take violent Courses, our Happiness is impeded, and disturbing Mischiefs are still kept up by the Motions of a restless and distemper'd Faction.

Of the Autumnal Quarter.

This Quarter begins on the 12th Day of September, about 5 Min. past Noon, when 3 Deg. of γ ascend, and δ is in the Middle of the Ascendant; the Δ is in 24 Deg. of γ , departing from the East and applying to the Δ of the $\odot$, and on the 17th Day of October 24 and δ will be in Conjunction in 11 Deg. of γ . δ is far from being afraid of any Danger from her foreign or domestick Enemies, the Event of some extraordinary Event will secure her against the Power of her most potent Rivalries.

Of the Winter Quarter.

This Quarter begins on the 11th Day of December, at Half past 3 in the Morning, when γ ascends with 6 Deg. and the Δ is full South, departing from the δ of α , applying at Δ of the $\odot$. People, wearied with Horror and Effects of Confusion, begin to think well of Order, to desire a happy and just Government, and to prefer Obedience to Sacrifice.

A Summary View of the Year 1747.

Notwithstanding some Overtures are made for a general Peace at the Beginning of this Year, I cannot think the Safety of Europe is so near at Hand, there seems to be some Work to be done first: The sad Effects of Comets and Conjunctions are seldom or never determined in so short Time; the Sufferings of this Nation, I fear, are not yet over. I cannot sing Peace, or say our *Quietus est* is sign'd; our Enemies are many, and those who live amongst the worst of all. This Year appears to be productive of Accidents, and Vicissitudes, in several Parts of the World; and sudden Murations, a distemper'd and unwholesome violent and pernicious Diseases, in which Sort of Calamities

ties our own Nation will, I fear, have a Part; but let us be content, for our Condition is better than our Neighbours. Your Year gives some Hopes of a Peace too, but I believe not a general one; or if a Peace, not of long Continuance, perhaps a Truce only, or a Suspension of Arms for a short Time. The *Turks* are in Danger of *Belshazzar's* Judgment, amazing will be the Actions and Disturbances in the *Eastern* Parts of the World. The Empire, and the Illustrious House of *Austria* will yet flourish, but not with that Vigour it hath done some Years past; great will be the Afflictions and Losses that stately Family will undergo, but not such as shall bring to its final Period. The *French* are assiduous in their Application to subject the *United Provinces* to their Measures; they are in Need of good Advice; if they give into *French* Designs their Circumstances will be most unhappy. The Affairs of *Italy* are yet in Confusion: Some new Prince or Government appears in those Parts; What if a new Pope? *Flanders*, the Borders of *France*, are loaded with martial Evils; a *Machiavillian* Politician is very active, it looks as if some Town or City were betrayed. The Affairs of the new King of *Spain* and his Brothers, go on slowly, like *Pharaoh's* Chariots, confusedly, as the Rebels fled before the brave Duke of *Berkeley*; those Princes of the House of *Bourbon* seem not born neither for War nor Peace. The King of *Sardinia* is in Need of all his Prudence and Courage to ward off some impending Dangers. *Sweden* suffers some unforeseen Misadventures, old Matters are trump'd up again to support some ambitious Pretensions. The King of *Prussia* is active and successful. A northern Prince is under Temptations to form some ill Design against a neighbouring Power. The *Bohemians* hope for better Times, but their Troubles are not yet at an End; it may be well if they were. The *Muscovites* are forewarned they shall not into new and dangerous Conspiracies, they employ their Politicks to better Purpose. *Poland* by some happy Misunderstandings or sinister Construction is brought into a State of Trouble and Misfortune.

Some Readers will deride what's here recited,
As hitherto they other Truths have slighted;
Yet some of my Presages, you've beheld,
Already have exactly been fulfill'd;
Others in their appointed Times you'll see,
And sooner too than they will welcome be.